



**Brunsing Associates, Inc.**

January 9, 2006

Project No. 780

Mr. Dale Radford  
Sonoma County Department of Health Services  
Environmental Health Division  
475 Aviation Boulevard, Suite 220  
Santa Rosa, California 95403

**Groundwater Monitoring Report - October 2005**  
**200 Morris Street**  
**Sebastopol, California**

Dear Mr. Radford:

This report presents the results of groundwater monitoring performed in October 2005 at the former Barlow Company, 200 Morris Street, Sebastopol, California (Plates 1 and 2) by Brunsing Associates, Inc. (BAI). This report was prepared to fulfill requirements of the Sonoma County Department of Health Services-Environmental Health Division (SCDHS-EHD) for a groundwater monitoring program at the site.

#### **SITE HISTORY**

The site was developed in 1940 and was occupied by The Barlow Company (Barlow) from 1973 to 2004. Two areas, designated as Tank Area No. 1 and Tank Area No. 2 (Plate 2), have been the primary focus of investigations at the site. Groundwater monitoring has been ongoing and is associated primarily with Tank Area No. 2.

Improvements to the storm sewer system were carried out during 1983 by tunneling beneath the main building. At that time, a gasoline odor was detected. A 550-gallon gasoline underground storage tank located beneath the building at Tank Area No. 2 was removed on March 20, 1992 (Plate 2). From 1991 through 1993, 11 monitoring wells and one piezometer were installed and soil probes SP-1 through SP-12, borings B-1 through B-13, and borings K-1 through K-6 were drilled and sampled under the direction of Kleinfelder, Inc. A summary of the

Mr. Dale Radford

January 9, 2006

Page 2

investigations performed by Kleinfelder, Inc. is included in Kleinfelder's "Addendum Workplan for Soil and Ground Water Assessment, Barlow Company, 200 Morris Street, Sebastopol, California", dated April 27, 1994.

An additional investigation was performed by BAI in November and December 1995 and January 1996. The results are presented in BAI's report dated February 22, 1996. BAI's investigation included the installation of two monitoring wells (MW-12 and MW-13), three piezometers (P-2, P-3, and P-4), one groundwater extraction well (EX-1), one vapor extraction well (VEW-1), and three soil vapor pressure probes (PP-1, PP-2, and PP-3; Plate 2). An aquifer test and a soil vapor extraction pilot study were also performed to provide data for evaluation of remedial options.

In April 1997, a sensitive receptor survey was performed by BAI. The sensitive receptor survey identified the onsite production well as the only well within a 500-foot radius of Tank Area 2. The production well was used to provide coolant water for the Barlow apple processing plant. In November 1997, a groundwater sample was collected from the production well and analyzed for total petroleum hydrocarbons (TPH) as gasoline, benzene toluene, ethylbenzene, and xylenes (BTEX), and volatile organic compounds (VOCs) using EPA Test Method 8010. The groundwater sample collected from the production well reportedly contained 0.9 micrograms per liter ( $\mu\text{g/l}$ ) of 1,2-dichloroethane (1,2-DCA), but no other compounds.

Historically, floating product was measured in the casing of well MW-1 at thicknesses ranging from 0.20 to 4.03 feet. Because the screen interval for well MW-1 is from 13 to 25 feet below ground surface (bgs) and the depth to the fluid/air interface historically ranged from 9.83 to 16.90 feet below top of casing at well MW-1, well MW-14 was installed in December 1998 approximately 3 feet away from well MW-1 with a screen interval of 5 to 25 feet bgs using resin coated sand (AC PAK 12/20) for the filter pack material.

BAI prepared an Interim Remediation Workplan dated October 28, 1999 that proposed extracting soil vapors from well MW-14. A soil vapor extraction system with above ground piping to well MW-14 was installed. From September 2000 until December 2001, the soil vapor extraction system operated intermittently. The results of the soil vapor extraction were presented in BAI's letter dated June 6, 2002.

In 2001 and 2002, BAI performed a two-phase investigation, which included the drilling and sampling of 18 soil borings. The purpose of the investigation was to evaluate the vertical and lateral extent of groundwater contamination and to



Mr. Dale Radford

January 9, 2006

Page 3

investigate potential sources of groundwater contamination on the Barlow property. This data was presented in BAI's "Soil and Groundwater Investigation Report", dated January 17, 2003. In that report, BAI recommended that an additional investigation be performed and that quarterly groundwater monitoring be continued.

BAI also prepared an additional Interim Remediation Workplan, dated February 27, 2003 to address the floating product. In accordance with discussions with the SCDHS-EHD and the California Underground Storage Tank Cleanup Fund (Fund), the interim remediation was on hold until a deeper well was installed inside the building to monitor floating product.

Groundwater monitoring well MW-15 was installed on February 23, 2004, in the onsite building, approximately 30 feet west of monitoring well MW-5 (Plate 2). Well MW-15 was installed to monitor groundwater in the area of the contaminant plume beneath the building. The borings for wells MW-16, MW-17, MW-18, MW-19, and MW-20 were drilled, and the wells installed between September 1, 2004 and October 4, 2004. The additional monitoring wells were installed to monitor the floating product and dissolved hydrocarbons plume beneath the building. The results of this investigation are included in BAI's report dated February 9, 2005.

In July and August 2005, wells MW-21, MW-22, and MW-23 were installed and borings H-19 and H-20 were drilled. Groundwater monitoring well MW-21 was installed in the onsite building, approximately 150 feet north-northeast of monitoring well MW-15. Because high concentrations of petroleum hydrocarbons were reported in soil samples collected from well boring MW-15, from 5 to 20 feet bgs, and well MW-15 is screened from 25 to 45 feet bgs, a shallow vapor extraction well (MW-22) was installed approximately 5 feet west of well MW-15 for vapor remediation. Well MW-23 was installed to monitor groundwater in the area of the contaminant plume down-gradient of the former UST location in the vicinity of deep well MW-10 and shallow well MW-12, which is presently dry. The results of the investigation are included in BAI's "Soil and Groundwater Investigation and Groundwater Monitoring Report", dated November 1, 2005.

Historical groundwater elevations since 1997 are summarized in Table 1. Table 2 summarizes the well construction details. The groundwater analytical data for the monitoring wells since 1991 are included in Table 3.



## GROUNDWATER MONITORING

BAI personnel measured depths to groundwater on October 18, 2005, in monitoring wells MW-8, MW-9, MW-10, MW-11, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, and MW-23. The wells were checked for floating product. Floating product was measured in well MW-15 down to the depth of the casing, a minimum of 2.32 feet.

Monitoring wells MW-16, MW-17, MW-18, and MW-21 were sampled on October 18, 2005, and wells MW-8, MW-9, MW-10, MW-11, MW-19, MW-20, and MW-23 were sampled on October 19, 2005. Well MW-15 was not sampled because of the presence of floating product in the well casing.

Prior to collecting a groundwater sample, at least three casing volumes of water were purged from each of the monitoring wells, and temperature, electrical conductivity, and pH measurements were collected to check for stabilization before sample collection. After stabilization, a groundwater sample was collected from each monitoring well using a disposable bailer and was transferred to laboratory-supplied containers.

The groundwater samples were sealed, labeled, and stored in a cooled ice chest until delivery to a California-certified laboratory for analyses. A chain-of-custody form was completed for and submitted with the samples to the laboratory. The monitoring well sampling protocol and field measurements are included in Appendix A. The groundwater purged from the wells was placed in 55-gallon drums and stored onsite.

The groundwater samples were submitted to BACE Analytical & Field Services (BAFS), Windsor, California for analyses of TPH as gasoline by method 8260TPH, and for volatile organic compounds, including BTEX, petroleum oxygenates, and lead scavengers using EPA Test Method 8260.

## GROUNDWATER MONITORING RESULTS

### Groundwater Elevations

The groundwater flow direction for the shallow water-bearing zone wells could not be calculated because of insufficient water-level data. Historically, shallow zone flow directions have been generally towards the east.



The groundwater elevations for the deep water-bearing zone wells are presented on Plate 3. As shown on Plate 3, lower groundwater elevations generally existed in the wells installed inside the building. The lowest groundwater elevation was observed at well MW-19.

Attempts to contour the previous deep zone groundwater elevations resulted in an apparent unrealistic ridge or saddle between the wells. This appeared to be due to mounding of water in the vicinity of well MW-2, from infiltration of chlorinated water. Well MW-11 is near well MW-2 and historically may have experienced some mounding of groundwater. The groundwater flow direction for the deep wells historically ranged from east to northeast. Well MW-2 was abandoned on July 13, 2005. Water levels were measured in the wells approximately one month after well MW-2 was abandoned. Insufficient data exists to evaluate whether the flow direction was impacted by abandoning well MW-2. Groundwater elevations for the deep wells are shown on Plate 3. Groundwater elevation data are summarized in Table 1.

### Analytical Data

TPH as gasoline was reported in the sample collected from well MW-8 at 0.083 milligrams per liter (mg/l). In the sample collected from well MW-9, TPH as gasoline was reported at a concentration of 2.7 mg/l, benzene at 89.9 µg/l, ethylbenzene at 1.21 µg/l, xylenes at 5.58 µg/l, chloroform at 4.34 µg/l, isopropylbenzene at 3.00 µg/l, n-propylbenzene at 1.00 µg/l, and 1,2,3-trimethylbenzene at 1.82 µg/l. Wells MW-8 and MW-9 are located on the up-gradient side of the property. The TPH as gasoline and benzene concentrations reported in the MW-9 sample are the highest reported to date for well MW-9.

TPH as gasoline was reported at 0.31 mg/l, benzene at 9.82 µg/l, 1,2-DCA at 3.08 µg/l, and isopropylbenzene at 2.31 µg/l in the sample collected from well MW-10. In the sample collected from well MW-16, 1,2-DCA was reported at a concentration of 17.2 µg/l, and in the sample collected from well MW-17, benzene was reported at 3.42 µg/l. TPH as gasoline was reported at a concentration of 14 mg/l, benzene was reported at 3,230 µg/l, toluene at 681 µg/l, ethylbenzene at 1,300 µg/l, xylenes at 1,277 µg/l, 1,2-DCA at 86.5 µg/l, isopropylbenzene at 63.2 µg/l, naphthalene at 339 µg/l, n-propylbenzene at 160 µg/l, 1,3,5-trimethylbenzene at 249 µg/l, and 1,2,3-trimethylbenzene at 335 µg/l, in the sample collected from well MW-18.

In the sample collected from well MW-19, TPH as gasoline was reported at a concentration of 1.1 mg/l, benzene at 220 µg/l, 1,2-DCA at 120 µg/l, and



Mr. Dale Radford

January 9, 2006

Page 6

isopropylbenzene at 10.7 µg/l. In the sample collected from well MW-20, TPH as gasoline was reported at 9.8 mg/l, benzene at 105 µg/l, toluene at 106 µg/l, ethylbenzene at 196 µg/l, xylenes at 887 µg/l, isopropylbenzene at 12.6 µg/l, naphthalene 32.1 µg/l, n-propylbenzene at 13.2 µg/l, 1,3,5-trimethylbenzene at 236 µg/l, and 1,2,3-trimethylbenzene at 391 µg/l. TPH as gasoline was reported at a concentration of 0.11 mg/l, benzene at 10.5 µg/l, toluene at 10.6 µg/l, ethylbenzene at 1.66 µg/l, xylenes at 5.08 µg/l, and 1,2-DCA at 9.53 µg/l, in the sample collected from well MW-21.

None of the analytes were reported in the groundwater samples collected from wells MW-11 and MW-23. The analytical data are summarized in Table 3, and the analytical laboratory report is included in Appendix B.

## CONCLUSIONS

The samples collected from wells MW-18 and MW-20 contained the highest petroleum hydrocarbon concentrations. The TPH as gasoline and benzene concentrations reported in the October 2005 MW-18 and MW-20 samples decreased compared to the August 2005 data for these wells. TPH as gasoline was reported in wells MW-8, MW-9, MW-10, MW-18, MW-19, MW-20, and MW-21 at concentrations ranging from 0.083 mg/l in well MW-8 to 14 mg/l in well MW-18. Benzene was reported in wells MW-9, MW-10, MW-17, MW-18, MW-19, MW-20 and MW-12, ranging from 3.42 µg/l in well MW-17 to 3,230 µg/l in well MW-18.

In a letter dated December 1, 2005, the SCDHS-EHD requested that a site conceptual model be prepared in August 2006, after the completion of three additional sampling rounds. BAI will continue to operate the soil vapor extraction system and perform quarterly groundwater monitoring.

## SCHEDULE

The next groundwater monitoring event is tentatively scheduled for January 2006. The results of the groundwater sampling will be submitted when laboratory data has been received and reviewed.



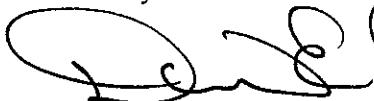
Mr. Dale Radford

January 9, 2006

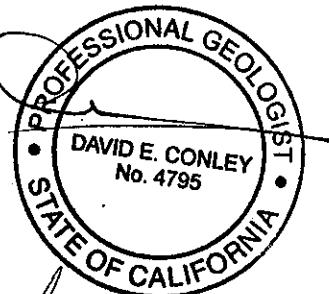
Page 7

If you have any questions regarding this report, please contact us at (707) 838-3027.

Sincerely,



David E. Conley, P.G.  
Senior Geologist



Diana M. Dickerson, P.G., R.E.A.  
Principal Geologist

cc: Mr. Ken Martin, Sr.  
Mr. Luis Rivera

Attachments:

- Table 1. Groundwater Elevation Data Since 1997
- Table 2. Well Construction Details
- Table 3. Groundwater Analytical Results Since 1991
- Plate 1. Site Vicinity Map
- Plate 2. Site Map
- Plate 3. Groundwater Elevations, Deep Wells, October 18, 2005
- Appendix A. Monitoring Well Sampling Protocol and Field Measurements
- Appendix B. Analytical Laboratory Report



## **TABLES**





TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1	14-Apr-97	68.63	11.06	14.35	54.28	3.29	2.50	56.78
MW-2	14-Apr-97	68.23	10.41	10.41	57.82	0.00	0.00	57.82
MW-3	14-Apr-97	68.45	11.50	11.50	56.95	0.00	0.00	56.95
MW-4	14-Apr-97	71.77	14.96	14.96	56.81	0.00	0.00	56.81
MW-5	14-Apr-97	68.47	11.68	12.13	56.34	0.45	0.34	56.68
MW-6	14-Apr-97	68.75	inaccessible	--	--	--	--	--
MW-7	14-Apr-97	68.22	11.41	11.41	56.81	0.00	0.00	56.81
MW-10	14-Apr-97	68.37	12.56	12.56	55.81	0.00	0.00	55.81
MW-11	14-Apr-97	67.83	11.28	11.28	56.55	0.00	0.00	56.55
MW-12	14-Apr-97	67.48	10.80	10.80	56.68	0.00	0.00	56.68
MW-13	14-Apr-97	67.66	11.05	11.05	56.61	0.00	0.00	56.61
EX-1	14-Apr-97 not surveyed		12.60	12.60	--	0.00	--	--
MW-1	28-Jul-97	68.63	16.20	16.43	52.20	0.23	0.17	52.37
MW-2	28-Jul-97	68.23	16.09	16.09	52.14	0.00	0.00	52.14
MW-4	28-Jul-97	71.77	19.47	19.47	52.30	0.00	0.00	52.30
MW-5	28-Jul-97	68.47	16.10	16.91	51.56	0.81	0.62	52.18
MW-10	28-Jul-97	68.37	16.61	16.61	51.76	0.00	0.00	51.76
EX-1	28-Jul-97 not surveyed		17.23	17.23	--	0.00	--	--
MW-1	18-Nov-97	68.63	16.90	17.10	51.53	0.20	0.15	51.68
MW-2	18-Nov-97	68.23	16.67	16.67	51.56	0.00	0.00	51.56
MW-4	18-Nov-97	71.77	20.89	20.89	50.88	0.00	0.00	50.88
MW-5	18-Nov-97	68.47	17.23	18.52	49.95	1.29	0.98	50.93
MW-10	18-Nov-97	68.37	18.02	18.02	50.35	0.00	0.00	50.35
EX-1	18-Nov-97 not surveyed		17.65	17.65	--	0.00	--	--



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MW-1	17-Feb-98	68.63	11.98	13.16	55.47	1.18	0.90	56.37
MW-2	17-Feb-98	68.23	12.84	12.84	55.39	0.00	0.00	55.39
MW-4	17-Feb-98	71.77	15.45	15.45	56.32	0.00	0.00	56.32
MW-5	17-Feb-98	68.47	12.17	12.17	56.30	0.00	0.00	56.30
MW-10	17-Feb-98	68.37	12.06	12.06	56.31	0.00	0.00	56.31
MW-11	17-Feb-98	67.83	13.92	13.92	53.91	0.00	0.00	53.91
MW-12	17-Feb-98	67.48	12.33	12.33	55.15	0.00	0.00	55.15
MW-13	17-Feb-98	67.66	12.17	12.17	55.49	0.00	0.00	55.49
EX-1	17-Feb-98	not surveyed	13.00	13.00	--	0.00	--	--
MW-1	20-Aug-98	68.63	12.92	14.14	54.49	1.22	0.93	55.42
MW-2	20-Aug-98	68.23	10.24	10.24	57.99	0.00	0.00	57.99
MW-4	20-Aug-98	71.77	16.35	16.35	55.42	0.00	0.00	55.42
P-4	20-Aug-98	69.30	13.16	13.16	56.14	0.00	0.00	56.14
MW-5	20-Aug-98	68.47	13.05	13.85	54.62	0.80	0.61	55.23
MW-8	20-Aug-98	68.22	13.48	13.48	54.74	0.00	0.00	54.74
MW-9	20-Aug-98	70.08	14.11	14.11	55.97	0.00	0.00	55.97
MW-10	20-Aug-98	68.37	13.40	13.40	54.97	0.00	0.00	54.97
MW-11	20-Aug-98	67.83	13.01	13.01	54.82	0.00	0.00	54.82
MW-12	20-Aug-98	67.48	12.56	12.56	54.92	0.00	0.00	54.92
MW-13	20-Aug-98	67.66	12.91	12.91	54.75	0.00	0.00	54.75
EX-1	20-Aug-98	69.37	14.13	14.13	55.24	0.00	0.00	55.24



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MW-1 (1)	24-Nov-98	68.57	12.80	14.30	54.27	1.50	1.14	55.41
MW-2 (1)	24-Nov-98	68.20	11.05	11.05	57.15	0.00	0.00	57.15
MW-4	24-Nov-98	71.77	16.36	16.36	55.41	0.00	0.00	55.41
P-4 (1)	24-Nov-98	69.30	13.42	13.42	55.88	0.00	0.00	55.88
MW-5 (1)	24-Nov-98	68.70	13.00	13.69	55.01	0.69	0.52	55.53
MW-8 (1)	24-Nov-98	68.75	13.36	13.36	55.39	0.00	0.00	55.39
MW-9 (1)	24-Nov-98	70.08	14.35	14.35	55.73	0.00	0.00	55.73
MW-10 (1)	24-Nov-98	68.37	13.42	13.42	54.95	0.00	0.00	54.95
MW-11 (1)	24-Nov-98	67.83	12.90	12.90	54.93	0.00	0.00	54.93
MW-12	24-Nov-98	67.48	12.55	12.55	54.93	0.00	0.00	54.93
MW-13	24-Nov-98	67.66	12.86	12.86	54.80	0.00	0.00	54.80
EX-1	24-Nov-98	69.37	14.22	14.22	55.15	0.00	0.00	55.15
MW-1 (1)	25-Feb-99	68.57	9.83	13.86	54.71	4.03	3.06	57.77
MW-2 (1)	25-Feb-99	68.20	7.82	7.82	60.38	0.00	0.00	60.38
MW-4	25-Feb-99	71.77	12.50	12.50	59.27	0.00	0.00	59.27
P-4 (1)	25-Feb-99	69.30	9.59	9.59	59.71	0.00	0.00	59.71
MW-5 (1)	25-Feb-99	68.70	9.27	9.54	59.16	0.27	0.21	59.37
MW-8 (1)	25-Feb-99	68.75	9.36	9.36	59.39	0.00	0.00	59.39
MW-9 (1)	25-Feb-99	70.08	10.47	10.47	59.61	0.00	0.00	59.61
MW-10 (1)	25-Feb-99	68.37	9.29	9.29	59.08	0.00	0.00	59.08
MW-11 (1)	25-Feb-99	67.83	8.80	8.80	59.03	0.00	0.00	59.03
MW-12	25-Feb-99	67.48	8.41	8.41	59.07	0.00	0.00	59.07
MW-13	25-Feb-99	67.66	8.65	8.65	59.01	0.00	0.00	59.01
MW-14 (1)	25-Feb-99	68.77	8.65	10.54	58.23	1.89	1.44	59.67
EX-1	25-Feb-99	69.37	10.15	10.15	59.22	0.00	0.00	59.22



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MW-1 (1)	28-May-99	68.57	11.50	14.36	54.21	2.86	2.17	56.38
MW-2 (1)	27-May-99	68.20	11.14	11.14	57.06	0.00	0.00	57.06
MW-4	28-May-99	71.77	15.41	15.41	56.36	0.00	0.00	56.36
P-4 (1)	27-May-99	69.30	11.95	11.95	57.35	0.00	0.00	57.35
MW-5 (1)	28-May-99	68.70	12.23	12.69	56.01	0.46	0.35	56.36
MW-8 (1)	27-May-99	68.75	12.96	12.96	-	55.79	0.00	55.79
MW-9 (1)	27-May-99	70.08	13.02	13.02	57.06	0.00	0.00	57.06
MW-10 (1)	27-May-99	68.37	12.58	12.58	55.79	0.00	0.00	55.79
MW-11 (1)	27-May-99	67.83	12.35	12.35	55.48	0.00	0.00	55.48
MW-12	27-May-99	67.48	11.74	11.74	55.74	0.00	0.00	55.74
MW-13	27-May-99	67.66	12.12	12.12	55.54	0.00	0.00	55.54
MW-14 (1)	28-May-99	68.77	11.34	14.04	54.73	2.70	2.05	56.78
EX-1	27-May-99	69.37	13.21	13.21	56.16	0.00	0.00	56.16
MW-1 (1)	28-Jan-00	68.57	15.87	15.87	52.70	0.00	0.00	52.70
MW-2 (1)	27-Jan-00	68.20	14.33	14.33	53.87	0.00	0.00	53.87
MW-4	27-Jan-00	71.77	19.19	19.19	52.58	0.00	0.00	52.58
P-4 (1)	27-Jan-00	69.30	15.50	15.50	53.80	0.00	0.00	53.80
MW-5 (1)	28-Jan-00	68.70	15.98	15.98	52.72	0.00	0.00	52.72
MW-8 (1)	27-Jan-00	68.75	15.91	15.91	52.84	0.00	0.00	52.84
MW-9 (1)	27-Jan-00	70.08	16.45	16.45	53.63	0.00	0.00	53.63
MW-10 (1)	27-Jan-00	68.37	16.32	16.32	52.05	0.00	0.00	52.05
MW-11 (1)	27-Jan-00	67.83	15.82	15.82	52.01	0.00	0.00	52.01
MW-12	27-Jan-00	67.48	15.55	15.55	51.93	0.00	0.00	51.93
MW-13	27-Jan-00	67.66	15.88	15.88	51.78	0.00	0.00	51.78
MW-14 (1)	28-Jan-00	68.77	15.50	16.35	52.42	0.85	0.65	53.07
EX-1	27-Jan-00	69.37	16.99	16.99	52.38	0.00	0.00	52.38

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 Sebastopol, California



Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	15-Jun-00	68.57	14.82	14.90	53.67	0.08	0.06	53.73
MW-2 (1)	15-Jun-00	68.20	14.64	14.64	53.56	0.00	0.00	53.56
MW-4	15-Jun-00	71.77	18.04	18.04	53.73	0.00	0.00	53.73
P-4 (1)	15-Jun-00	69.30	14.50	14.50	54.80	0.00	0.00	54.80
MW-5 (1)	15-Jun-00	68.70	14.95	15.00	53.70	0.05	0.04	53.74
MW-8 (1)	15-Jun-00	68.75	15.15	15.15	53.60	0.00	0.00	53.60
MW-9 (1)	15-Jun-00	70.08	15.56	15.56	54.52	0.00	0.00	54.52
MW-10 (1)	15-Jun-00	68.37	15.28	15.28	53.09	0.00	0.00	53.09
MW-11 (1)	15-Jun-00	67.83	14.90	14.90	52.93	0.00	0.00	52.93
MW-12	15-Jun-00	67.48	14.45	14.45	53.03	0.00	0.00	53.03
MW-13	15-Jun-00	67.66	14.81	14.81	52.85	0.00	0.00	52.85
MW-14 (1)	15-Jun-00	68.77	14.49	15.15	53.62	0.66	0.50	54.12
EX-1	15-Jun-00	69.37	15.87	15.87	53.50	0.00	0.00	53.50
MW-1 (1)	29-Sep-00	68.57	16.43	17.64	50.93	1.21	0.92	51.85
MW-2 (1)	29-Sep-00	68.20	18.34	18.34	49.86	0.00	0.00	49.86
MW-4	29-Sep-00	71.77	21.74	21.74	50.03	0.00	0.00	50.03
P-4 (1)	29-Sep-00	69.30	18.14	18.14	51.16	0.00	0.00	51.16
MW-5 (1)	29-Sep-00	68.70	18.36	18.93	49.77	0.57	0.43	50.20
MW-8 (1)	29-Sep-00	68.75	18.37	18.37	50.38	0.00	0.00	50.38
MW-9 (1)	29-Sep-00	70.08	18.80	18.80	51.28	0.00	0.00	51.28
MW-10 (1)	29-Sep-00	68.37	19.01	19.01	49.36	0.00	0.00	49.36
MW-11 (1)	29-Sep-00	67.83	18.49	18.49	49.34	0.00	0.00	49.34
MW-12	29-Sep-00	67.48	18.19	18.19	49.29	0.00	0.00	49.29
MW-13	29-Sep-00	67.66	18.53	18.53	49.13	0.00	0.00	49.13
MW-14 (1)	29-Sep-00	68.77	18.11	19.05	49.72	0.94	0.71	50.43
EX-1	29-Sep-00	69.37	19.65	19.65	49.72	0.00	0.00	49.72



TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	1-Feb-01	68.57	17.51	18.16	50.41	0.65	0.49	50.90
MW-2 (1)	1-Feb-01	68.20	12.16	12.16	56.04	0.00	0.00	56.04
MW-4	1-Feb-01	71.77	20.96	20.96	50.81	0.00	0.00	50.81
P-4 (1)	1-Feb-01	69.30	18.60	18.60	50.70	0.00	0.00	50.70
MW-5 (1)	1-Feb-01	68.70	17.69	17.79	50.91	0.10	0.08	50.99
MW-8 (1)	1-Feb-01	68.75	17.47	17.47	51.28	0.00	0.00	51.28
MW-9 (1)	1-Feb-01	70.08	18.19	18.19	51.89	0.00	0.00	51.89
MW-10 (1)	1-Feb-01	68.37	18.02	18.02	50.35	0.00	0.00	50.35
MW-11 (1)	1-Feb-01	67.83	17.41	17.41	50.42	0.00	0.00	50.42
MW-12	1-Feb-01	67.48	17.15	17.15	50.33	0.00	0.00	50.33
MW-13	1-Feb-01	67.66	17.43	17.43	50.23	0.00	0.00	50.23
MW-14 (1)	2-Feb-01	68.77	15.83	16.63	52.14	0.80	0.61	52.75
EX-1	1-Feb-01	69.37	18.76	18.76	50.61	0.00	0.00	50.61
MW-1 (1)	17-Dec-01	68.57	22.63	23.75	44.82	1.12	0.85	45.67
MW-2 (1)	17-Dec-01	68.20	23.75	23.75	44.45	0.00	0.00	44.45
MW-4	17-Dec-01	71.77	Dry	Dry	45.82	0.00	0.00	45.82
P-4 (1)	17-Dec-01	69.30	23.48	23.48	44.32	1.38	1.05	45.37
MW-5 (1)	17-Dec-01	68.70	23.00	24.38	45.08	0.00	0.00	45.08
MW-8 (1)	17-Dec-01	68.75	23.67	23.67	45.93	0.00	0.00	45.93
MW-9 (1)	17-Dec-01	70.08	24.15	24.15	43.75	0.00	0.00	43.75
MW-10 (1)	17-Dec-01	68.37	24.62	24.62	43.94	0.00	0.00	43.94
MW-11 (1)	17-Dec-01	67.83	23.89	23.89	Dry	Dry	Dry	Dry
MW-12	17-Dec-01	67.48	Dry	Dry	43.61	0.00	0.00	43.61
MW-13	17-Dec-01	67.66	24.05	24.05	NA	NA	NA	NA
MW-14 (1)	17-Dec-01	68.77	NA	NA	NA	NA	NA	NA
EX-1	17-Dec-01	69.37	25.17	25.17	44.20	0.00	0.00	44.20



TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	26-Mar-02	68.57	22.71	23.81	44.76	1.10	0.84	45.60
MW-2 (1)	26-Mar-02	68.20	10.28	10.28	57.92	0.00	0.00	57.92
MW-4	26-Mar-02	71.77	Dry	Dry				
P-4 (1)	26-Mar-02	69.30	23.10	23.10	46.20	0.00	0.00	46.20
MW-5 (1)	26-Mar-02	68.70	23.28	24.07	44.63	0.79	0.60	45.23
MW-8 (1)	26-Mar-02	68.75	23.45	23.45	45.30	0.00	0.00	45.30
MW-9 (1)	26-Mar-02	70.08	23.73	23.73	46.35	0.00	0.00	46.35
MW-10 (1)	26-Mar-02	68.37	24.64	24.64	43.73	0.00	0.00	43.73
MW-11 (1)	26-Mar-02	67.83	23.80	23.80	44.03	0.00	0.00	44.03
MW-12	26-Mar-02	67.48	Dry	Dry				
MW-13	26-Mar-02	67.66	Dry	Dry				
MW-14 (1)	26-Mar-02	68.77	Dry	Dry				
EX-1	26-Mar-02	69.37	25.03	25.03	44.34	0.00	0.00	44.34
MW-1 (1)	2-Jul-02	68.57	23.65	24.04	44.53	0.39	0.30	44.83
MW-2 (1)	2-Jul-02	68.20	10.25	10.25	57.95	0.00	0.00	57.95
MW-4	2-Jul-02	71.77	Dry	Dry				
P-4 (1)	2-Jul-02	69.30	Dry	Dry				
MW-5 (1)	2-Jul-02	68.70	23.90	24.62	44.08	0.72	0.55	44.63
MW-8 (1)	2-Jul-02	68.75	25.70	25.70	43.05	0.00	0.00	43.05
MW-9 (1)	2-Jul-02	70.08	25.95	25.95	44.13	0.00	0.00	44.13
MW-10 (1)	2-Jul-02	68.37	25.80	25.80	42.57	0.00	0.00	42.57
MW-11 (1)	2-Jul-02	67.83	24.62	24.62	43.21	0.00	0.00	43.21
MW-12	2-Jul-02	67.48	Dry	Dry				
MW-13	2-Jul-02	67.66	Dry	Dry				
MW-14 (1)	2-Jul-02	68.77	Dry	Dry				
EX-1	2-Jul-02	69.37	25.55	25.58	43.79	0.03	0.02	43.81



TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	20-Sep-02	68.57	Dry	Dry	57.89	0.00	0.00	57.89
MW-2 (1)	20-Sep-02	68.20	10.31	10.31				
MW-4	20-Sep-02	71.77	Dry	Dry				
P-4 (1)	20-Sep-02	69.30	Dry	Dry				
MW-5 (1)	20-Sep-02	68.70	24.45	24.49	44.21	0.04	0.03	44.24
MW-8 (1)	20-Sep-02	68.75	27.12	27.12	41.63	0.00	0.00	41.63
MW-9 (1)	20-Sep-02	70.08	27.64	27.64	42.44	0.00	0.00	42.44
MW-10 (1)	20-Sep-02	68.37	27.00	27.00	41.37	0.00	0.00	41.37
MW-11 (1)	20-Sep-02	67.83	25.71	25.71	42.12	0.00	0.00	42.12
MW-12	20-Sep-02	67.48	Dry	Dry				
MW-13	20-Sep-02	67.66	Dry	Dry				
MW-14 (1)	20-Sep-02	68.77	Dry	Dry				
EX-1	20-Sep-02	69.37	26.68	26.68	42.69	0.00	0.00	42.69
MW-1 (1)	16-Dec-02	68.57	Dry	Dry				
MW-2 (1)	16-Dec-02	68.20	7.25	7.25	60.95	0.00	0.00	60.95
MW-4	16-Dec-02	71.77	Dry	Dry				
P-4 (1)	16-Dec-02	69.30	Dry	Dry				
MW-5 (1)	16-Dec-02	68.70	Dry	Dry				
MW-8 (1)	16-Dec-02	68.75	28.01	28.01	40.74	0.00	0.00	40.74
MW-9 (1)	16-Dec-02	70.08	28.95	28.95	41.13	0.00	0.00	41.13
MW-10 (1)	16-Dec-02	68.37	28.09	28.09	40.28	0.00	0.00	40.28
MW-11 (1)	16-Dec-02	67.83	26.77	26.77	41.06	0.00	0.00	41.06
MW-12	16-Dec-02	67.48	Dry	Dry				
MW-13	16-Dec-02	67.66	Dry	Dry				
MW-14 (1)	16-Dec-02	68.77	Dry	Dry				
EX-1	16-Dec-02	69.37	27.62	27.62	41.75	0.00	0.00	41.75



TABLE I. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	20-Mar-03	68.57	Dry	Dry	57.94	0.00	0.00	57.94
MW-2 (1)	20-Mar-03	68.20	10.26	10.26				
MW-4	20-Mar-03	71.77	Dry	Dry				
P-4 (1)	20-Mar-03	69.30	Dry	Dry				
MW-5 (1)	20-Mar-03	68.70	Dry	Dry				
MW-8 (1)	20-Mar-03	68.75	27.02	27.02	41.73	0.00	0.00	41.73
MW-9 (1)	20-Mar-03	70.08	27.44	27.44	42.64	0.00	0.00	42.64
MW-10 (1)	20-Mar-03	68.37	27.53	27.53	40.84	0.00	0.00	40.84
MW-11 (1)	20-Mar-03	67.83	26.47	26.47	41.36	0.00	0.00	41.36
MW-12	20-Mar-03	67.48	Dry	Dry				
MW-13	20-Mar-03	67.66	Dry	Dry				
MW-14 (1)	20-Mar-03	68.77	Dry	Dry				
EX-1	20-Mar-03	69.37	27.35	27.35	42.02	0.00	0.00	42.02
MW-1 (1)	24-Jun-03	68.57	Dry	Dry				
MW-2 (1)	24-Jun-03	68.20	10.42	10.42	57.78	0.00	0.00	57.78
MW-4	24-Jun-03	71.77	Dry	Dry				
P-4 (1)	24-Jun-03	69.30	Dry	Dry				
MW-5 (1)	24-Jun-03	68.70	Dry	Dry				
MW-8 (1)	24-Jun-03	68.75	28.06	28.06	40.69	0.00	0.00	40.69
MW-9 (1)	24-Jun-03	70.08	28.50	28.50	41.58	0.00	0.00	41.58
MW-10 (1)	24-Jun-03	68.37	NM	NM		0.00	0.00	
MW-11 (1)	24-Jun-03	67.83	26.74	26.74	41.09	0.00	0.00	41.09
MW-12	24-Jun-03	67.48	Dry	Dry				
MW-13	24-Jun-03	67.66	Dry	Dry				
MW-14 (1)	24-Jun-03	68.77	Dry	Dry				
EX-1	24-Jun-03	69.37	Dry	Dry				



TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
200 Morris Street  
Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	11-Sep-03	68.57	Dry	13.08	55.12	0.00	0.00	55.12
MW-2 (1)	11-Sep-03	68.20	Dry	13.08	55.12	0.00	0.00	55.12
MW-4	11-Sep-03	71.77	Dry	Dry				
P-4 (1)	11-Sep-03	69.30	Dry	Dry				
MW-5 (1)	11-Sep-03	68.70	Dry	Dry				
MW-8 (1)	11-Sep-03	68.75	30.30	30.30	38.45	0.00	0.00	38.45
MW-9 (1)	11-Sep-03	70.08	30.72	30.72	39.36	0.00	0.00	39.36
MW-10 (1)	11-Sep-03	68.37	NM	NM				
MW-11 (1)	11-Sep-03	67.83	27.90	27.90	39.93	0.00	0.00	39.93
MW-12	11-Sep-03	67.48	Dry	Dry				
MW-13	11-Sep-03	67.66	Dry	Dry				
MW-14 (1)	11-Sep-03	68.77	Dry	Dry				
EX-1	11-Sep-03	69.37	Dry	Dry				
MW-1 (1)	11-Mar-04	68.57	NM	NM				
MW-2 (1)	11-Mar-04	68.20	10.55	10.55	57.65	0.00	0.00	57.65
MW-4	11-Mar-04	71.77	NM	NM				
P-4 (1)	11-Mar-04	69.30	NM	NM				
MW-5 (1)	11-Mar-04	68.70	NM	NM				
MW-8 (1)	11-Mar-04	68.75	31.64	31.64	37.11	0.00	0.00	37.11
MW-9 (1)	11-Mar-04	70.08	32.15	32.15	37.93	0.00	0.00	37.93
MW-10 (1)	11-Mar-04	68.37	NM	NM				
MW-11 (1)	11-Mar-04	67.83	30.22	30.22	37.61	0.00	0.00	37.61
MW-12	11-Mar-04	67.48	NM	NM				
MW-13	11-Mar-04	67.66	NM	NM				
MW-14 (1)	11-Mar-04	68.77	NM	NM				
MW-15	11-Mar-04	68.19	31.12	31.12	37.07	0.00	0.00	37.07
EX-1	11-Mar-04	69.37	NM	NM				

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 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	7-Jun-04	68.57	NM	NM	57.60	0.00	0.00	57.60
MW-2 (1)	7-Jun-04	68.20	10.60	10.60	NM			
MW-4	7-Jun-04	71.77	NM	NM	NM			
P-4 (1)	7-Jun-04	69.30	NM	NM	NM			
MW-5 (1)	7-Jun-04	68.70	NM	NM	NM			
MW-8 (1)	7-Jun-04	68.75	32.83	32.83	35.92	0.00	0.00	35.92
MW-9 (1)	7-Jun-04	70.08	33.40	33.40	36.68	0.00	0.00	36.68
MW-10 (1)	7-Jun-04	68.37	31.46	31.46	36.91	0.00	0.00	36.91
MW-11 (1)	7-Jun-04	67.83	31.17	31.17	36.66	0.00	0.00	36.66
MW-12	7-Jun-04	67.48	NM	NM	NM			
MW-13	7-Jun-04	67.66	NM	NM	NM			
MW-14 (1)	7-Jun-04	68.77	NM	NM	NM			
MW-15	8-Jun-04	68.19	31.35	31.35	39.80	28.39	8.45	34.81
EX-1	7-Jun-04	69.37	NM	NM	NM			
MW-1 (1)	22-Oct-04	68.57	NM	NM	NM			
MW-2 (1)	22-Oct-04	68.20	10.82	10.82	57.38	0.00	0.00	57.38
MW-4	22-Oct-04	71.77	NM	NM	NM			
P-4 (1)	22-Oct-04	69.30	NM	NM	NM			
MW-5 (1)	22-Oct-04	68.70	NM	NM	NM			
MW-8 (1)	22-Oct-04	68.75	36.04	36.04	32.71	0.00	0.00	32.71
MW-9 (1)	22-Oct-04	70.08	36.70	36.70	33.38	0.00	0.00	33.38
MW-10 (1)	22-Oct-04	68.37	32.23	32.23	36.14	0.00	0.00	36.14
MW-11 (1)	22-Oct-04	67.83	32.17	32.17	35.66	0.00	0.00	35.66
MW-12	22-Oct-04	67.48	NM	NM	NM			
MW-13	22-Oct-04	67.66	NM	NM	NM			
MW-14 (1)	22-Oct-04	68.77	NM	NM	NM			
MW-15	22-Oct-04	68.19	36.03	38.68	29.51	2.65	2.01	31.52
MW-16	22-Oct-04	68.33	36.23	36.23	32.10	0.00	0.00	32.10
MW-17	22-Oct-04	68.69	37.60	37.60	31.09	0.00	0.00	31.09
MW-18	22-Oct-04	68.18	37.00	37.00	31.18	0.00	0.00	31.18
MW-19	22-Oct-04	67.65	37.25	37.25	30.40	0.00	0.00	30.40
MW-20	22-Oct-04	68.34	34.21	34.21	34.13	0.00	0.00	34.13
EX-1	22-Oct-04	69.37	NM	NM	NM			



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 200 Morris Street  
 Sebastopol, California



Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	24-Jan-05	68.57	NM	NM	NM	NM	0.00	52.77
MW-2 (1)	24-Jan-05	68.20	15.43	15.43	52.77	0.00	0.00	52.77
MW-4	24-Jan-05	71.77	NM	NM	NM	NM		
P-4 (1)	24-Jan-05	69.30	NM	NM	NM	NM		
MW-5 (1)	24-Jan-05	68.70	NM	NM	NM	NM		
MW-8 (1)	24-Jan-05	68.75	36.26	36.26	32.49	0.00	0.00	32.49
MW-9 (1)	24-Jan-05	70.08	36.85	36.85	33.23	0.00	0.00	33.23
MW-10 (1)	24-Jan-05	68.37	32.94	32.94	35.43	0.00	0.00	35.43
MW-11 (1)	24-Jan-05	67.83	33.16	33.16	34.67	0.00	0.00	34.67
MW-12	24-Jan-05	67.48	NM	NM	NM	NM		
MW-13	24-Jan-05	67.66	NM	NM	NM	NM		
MW-14 (1)	24-Jan-05	68.77	NM	NM	NM	NM		
MW-15	24-Jan-05	68.19	36.38	38.42	29.77	2.04	1.55	31.32
MW-16	24-Jan-05	68.33	37.25	37.25	31.08	0.00	0.00	31.08
MW-17	24-Jan-05	68.69	37.52	37.52	31.17	0.00	0.00	31.17
MW-18	24-Jan-05	68.18	36.93	36.93	31.25	0.00	0.00	31.25
MW-19	24-Jan-05	67.65	37.05	37.05	30.60	0.00	0.00	30.60
MW-20	24-Jan-05	68.34	36.56	36.56	31.78	0.00	0.00	31.78
EX-1	24-Jan-05	69.37	NM	NM	NM	NM		
MW-1 (1)	28-Apr-05	68.57	NM	NM	NM	NM	0.00	53.33
MW-2 (1)	28-Apr-05	68.20	14.87	14.87	53.33	0.00	0.00	53.33
MW-4	28-Apr-05	71.77	NM	NM	NM	NM		
P-4 (1)	28-Apr-05	69.30	NM	NM	NM	NM		
MW-5 (1)	28-Apr-05	68.70	NM	NM	NM	NM		
MW-8 (1)	28-Apr-05	68.75	35.22	35.22	33.53	0.00	0.00	33.53
MW-9 (1)	28-Apr-05	70.08	35.80	35.80	34.28	0.00	0.00	34.28
MW-10 (1)	28-Apr-05	68.37	32.96	32.96	35.41	0.00	0.00	35.41
MW-11 (1)	28-Apr-05	67.83	33.58	33.58	34.25	0.00	0.00	34.25
MW-12	28-Apr-05	67.48	NM	NM	NM	NM		
MW-13	28-Apr-05	67.66	NM	NM	NM	NM		
MW-14 (1)	28-Apr-05	68.77	NM	NM	NM	NM		
MW-15	28-Apr-05	68.19						

TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-16	28-Apr-05	68.33	36.26	36.26	32.07	0.00	0.00	32.07
MW-17	28-Apr-05	68.69	36.55	36.55	32.14	0.00	0.00	32.14
MW-18	28-Apr-05	68.18						
MW-19	28-Apr-05	67.65	36.09	36.09	31.56	0.00	0.00	31.56
MW-20	28-Apr-05	68.34	35.71	35.71	32.63	0.00	0.00	32.63
EX-1	28-Apr-05	69.37	NM	NM				
MW-1 (1)	18-Aug-05	68.57	NM	NM				
MW-4	18-Aug-05	71.77	NM	NM				
P-4 (1)	18-Aug-05	69.30	NM	NM				
MW-5 (1)	18-Aug-05	68.70	NM	NM				
MW-8 (1)	18-Aug-05	68.75	36.87	36.87	31.88	0.00	0.00	31.88
MW-9 (1)	18-Aug-05	70.08	37.38	37.38	32.70	0.00	0.00	32.70
MW-10 (1)	18-Aug-05	68.37	32.90	32.90	35.47	0.00	0.00	35.47
MW-11 (1)	18-Aug-05	67.83	34.95	34.95	32.88	0.00	0.00	32.88
MW-12	18-Aug-05	67.48	NM	NM				
MW-13	18-Aug-05	67.66	NM	NM				
MW-14 (1)	18-Aug-05	68.77	NM	NM				
MW-15	18-Aug-05	68.19	36.11	39.48	28.71	3.37	2.56	31.27
MW-16	18-Aug-05	68.33	38.17	38.17	30.16	0.00	0.00	30.16
MW-17	18-Aug-05	68.69	38.34	38.34	30.35	0.00	0.00	30.35
MW-18	18-Aug-05	68.18	37.67	37.67	30.51	0.00	0.00	30.51
MW-19	18-Aug-05	67.65	37.96	37.96	29.69	0.00	0.00	29.69
MW-20	18-Aug-05	68.34	37.32	37.32	31.02	0.00	0.00	31.02
MW-21	18-Aug-05	68.62	37.77	37.77	30.85	0.00	0.00	30.85
MW-22	18-Aug-05	68.41	NM	NM				
MW-23	18-Aug-05	67.62	34.78	34.78	32.84	0.00	0.00	32.84
EX-1	18-Aug-05	69.37	NM	NM				
MW-1 (1)	18-Oct-05	68.57	NM	NM				
MW-4	18-Oct-05	71.77	NM	NM				
P-4 (1)	18-Oct-05	69.30	NM	NM				
MW-5 (1)	18-Oct-05	68.70	NM	NM				





TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-8 (1)	18-Oct-05	68.75	37.82	37.82	30.93	0.00	0.00	30.93
MW-9 (1)	18-Oct-05	70.08	38.42	38.42	31.66	0.00	0.00	31.66
MW-10 (1)	18-Oct-05	68.37	33.24	33.24	35.13	0.00	0.00	35.13
MW-11 (1)	18-Oct-05	67.83	36.36	36.36	31.47	0.00	0.00	31.47
MW-12	18-Oct-05	67.48	NM	NM				
MW-13	18-Oct-05	67.66	NM	NM				
MW-14 (1)	18-Oct-05	68.77	NM	NM				
MW-15 (3)	18-Oct-05	68.19	37.38	39.70	28.49	2.32	1.76	30.25
MW-16	18-Oct-05	68.33	39.13	39.13	29.20	0.00	0.00	29.20
MW-17	18-Oct-05	68.69	39.27	39.27	29.42	0.00	0.00	29.42
MW-18	18-Oct-05	68.18	38.65	38.65	29.53	0.00	0.00	29.53
MW-19	18-Oct-05	67.65	38.91	38.91	28.74	0.00	0.00	28.74
MW-20	18-Oct-05	68.34	38.03	38.03	30.31	0.00	0.00	30.31
MW-21	18-Oct-05	68.62	38.69	38.69	29.93	0.00	0.00	29.93
MW-22	18-Oct-05	68.41	Dry	Dry				
MW-23	18-Oct-05	67.62	34.50	34.50	33.12	0.00	0.00	33.12
EX-1	18-Oct-05	69.37	NM	NM				

MSL = Mean sea level.

-1 = Top of well casings resurveyed by Carlenzoli and Associates on January 25, 1999. Wells showing changes in elevations are MW-1, MW-2, MW-5, and MW-8.

-2 = Only product present in well casing. Product thickness is likely greater than measured.

-3 = Product to bottom of well, product thickness is a minimum amount.

\* = Factor is equal to the density of gasoline (assumed to be 0.76 grams per cubic centimeter) divided by the density of groundwater (0.998 grams per cubic centimeter).

\*\* = Hydraulic potential is equal to the floating product thickness times the correction factor (0.76), plus the elevation of groundwater uncorrected.

**Table 2. Well Construction Details**  
**200 Morris Street**  
**Sebastopol, California**



Well Number	Date Installed	Constructed by	Depth of Boring	Casing Diameter	Well Depth	Screen Interval	Casing Elevation	Sand Depth	Seal Depth	Grout Depth
MW-1	4/19/91	KI	27	2	25	13-25	68.57	12-25	10-12	0-10
MW-2	4/18/91	KI	26.5	2	25.5	10.0-25.5	68.23	9.5-25.5	7.5-9.5	0-7.5
MW-3	4/16/91	KI	26.5	2	26.5	14.5-26.5	68.45	10.5-26.5	8.5-10.5	0-8.5
MW-4	7/19/91	KI	28.0	2	28	13.0-28	71.77	10-28	8-10	0-8
MW-5	7/21/91	KI	26.5	2	25	10.0-25	68.70	7-25	5-7	0-5
MW-6	7/25/91	KI	26	2	26.5	11-26	68.75	8-26	6-8	0-6
MW-7	7/19/91	KI	26.5	2	26.5	10-25	68.22	7-26.5	5-7	0-5
MW-8	9/27/93	KI	40	2	40	30-40	68.75	28-40	25-28	0-25
MW-9	9/28/93	KI	40	2	40	30-40	70.08	28-40	25-28	0-25
MW-10	9/28/93	KI	40	2	40	30-40	68.37	28-40	25-28	0-25
MW-11	9/28/93	KI	40	2	40	30-40	67.83	28-40	25-28	0-25
MW-12	11/14/95	BAI	25	4	25	10-25	67.48	8.5-25	6.5-8.5	0-6.5
MW-13	11/14/95	BAI	25	4	25	10-25	67.66	8.5-25	6.5-8.5	0-6.5
MW-14	12/21/98	BAI	25	4	20	5-19.5	68.77	3.5-20**	2.0-3.5	0-2.0
MW-15	2/23/04	BAI	45	2	45	25-45	68.19	23-45	21-23	0-21
MW-16	8/23/04	BAI	45	2	45	25-45	68.33	23-45	21-23	0-21
MW-17	9/22/04	BAI	45	2	45	30-45	68.69	28-45	26-28	0-26
MW-18	9/22/04	BAI	45	2	45	25-45	68.18	23-45	21-23	0-21
MW-19	10/01/04	BAI	45	2	45	25-45	67.65	23-45	21-23	0-21
MW-20	10/04/04	BAI	45	2	45	30-45	68.34	23-45	21-23	0-21
MW-21	7/12/05	BAI	45	2	25	5-25	68.41	4-25	3-4	0-3
MW-22	7/13/05	BAI	25	2	45	30-45	67.62	28-45	26-28	0-26
MW-23	8/10/05	BAI	45	2	16.5*	16.5*	ns	none	0-0	
P-1	7/16/91	KI	20	0.75	25	10-25	69.31	8.5-25	6.5-8.5	0-6.5
P-2	11/14/95	BAI	25	2	25	10-25	68.06	8.5-25	6.5-8.5	0-6.5
P-3	11/14/95	BAI	25	2	25	10-25	69.30	8.5-25	6.5-8.5	0-6.5
P-4	11/14/95	BAI	25	2	25	10-25	69.37	8.5-30	6.5-8.5	0-6.5
EX-1	11/15/95	BAI	30	4	30	10-30	69.37	4-15	3-4	0-3
VEW-1	11/15/95	BAI	15	4	15	5-15	68.37	4-15	3-4	0-3
PP-1	11/15/95	BAI	15	2	15	5-15	68.66	4-15	3-4	0-3
PP-2	11/15/95	BAI	15	2	15	5-15	68.62	4-15	3-4	0-3
PP-3	11/15/95	BAI	15	2	15	5-15	68.71	4-15	3-4	0-3

Depths are in feet below original surface grade; casing diameter is in inches.

Elevations are in feet above mean sea level.

KI = Kleinfeider, Inc.

BAI = Brunsing Associates, Inc.

MSL = Mean Sea Level.

ns = Not surveyed

\* Well is open at the bottom.

\*\* Resin coated sand (AC PAK 12/20) from 7 to 17.5 feet.

**Table 3. Groundwater Analytical Results Since 1991**  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-1	24-Apr-91	110	--	28,000	44,000	7,900	1,300	--	--	--
MW-1	3-Feb-92	190	--	8,900	<0.5	2,400	<0.5	--	72	--
MW-1	29-Dec-95	110	50 ***	4,800	12,000	1,500	6,200	--	--	--
MW-2	24-Apr-91	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--
MW-2	3-Feb-92	<0.05	--	<0.5	<0.5	<0.5	<0.5	--	<0.4	--
MW-2	13-Aug-92	0.50	--	25	23	28	31	--	--	--
MW-2	3-Nov-92	1.2	--	40	40	46	45	--	--	--
MW-2	3-Dec-92	0.17	--	9.9	12	13	12	--	--	--
MW-2	5-Oct-93	0.17	--	1.7	1.7	2.7	1.5	--	<0.4	--
MW-2	28-Dec-95	ND	ND	ND	ND	ND	ND	--	--	--
MW-2	15-Apr-97	ND	--	ND	ND	ND	ND	--	ND **	--
MW-2	28-Jul-97	ND	--	ND	ND	ND	ND	--	ND **	--
MW-2	18-Nov-97	ND	--	ND	ND	ND	ND	--	ND **	--
MW-2	18-Feb-98	ND	--	ND	ND	ND	ND	ND (EPA 8020/5)	ND **	--
MW-2	21-Aug-98	ND	--	ND	ND	ND	ND	--	ND	--
MW-2	24-Nov-98	ND	--	ND	ND	ND	ND	ND	ND **	ND
MW-2	25-Feb-99	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-2	27-May-99	0.56	--	9.13	ND	ND	ND	ND	ND	ND
MW-2	27-Jan-00	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-2	15-Jun-00	0.054	--	16	2.9	1.1	2.5	ND	ND	15.7 naphthalene
MW-2	29-Sep-00	110	--	1,800	8,000	2,100	11,000	ND	ND	ND
MW-2	1-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	ND
MW-2	17-Dec-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	26-Mar-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	2-Jul-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	20-Sep-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	16-Dec-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	20-Mar-03	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	24-Jun-03	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	9-Nov-03	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	11-Mar-04	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	****
MW-2	Abandoned on July 12, 2005									



Table 3. Groundwater Analytical Results Since 1991  
 200 Morris Street  
 Sebastopol, California



Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	EthyBenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-3	24-Apr-91	0.066	--	35	0.6	3.7	1.5	--	--	--
MW-3	3-Feb-92	<0.05	--	<0.5	<0.5	<0.5	<0.5	--	<0.4	--
MW-3	12-May-92	<0.05	--	4.5	<0.5	<0.5	<0.5	--	--	--
MW-3	13-Aug-92	0.06	--	0.9	<0.5	1.5	<0.5	--	--	--
MW-3	3-Nov-92	1.2	--	30	<0.5	3.1	0.8	--	--	--
MW-3	14-Apr-97	ND	--	3.8	ND	ND	ND	--	--	--
MW-4	5-Aug-91	8.1	--	5,600	56	88	290	--	170	--
MW-4	3-Feb-92	3.9	--	990	<0.5	65	49	--	180	--
MW-4	12-May-92	11	--	5,200	<0.5	170	<0.5	--	--	--
MW-4	13-Aug-92	0.71	--	81	0.9	1.8	0.9	--	42	--
MW-4	3-Nov-92	0.70	--	140	<0.5	12	<0.5	--	20	--
MW-4	5-Oct-93	0.17	--	30	<0.5	<0.5	<0.5	--	7.5	--
MW-4	29-Dec-95	3.2	0.46 ***	2,100	52	46	15	--	--	--
MW-4	15-Apr-97	ND	--	7.9	ND	0.8	ND	--	ND **	--
MW-4	28-Jul-97	0.18	--	50	ND	0.7	ND	--	0.6 **	--
MW-4	19-Nov-97	0.06	--	ND	ND	ND	ND	--	ND **	--
MW-4	18-Feb-98	13	--	3,000	310	4.2	180	ND (EPA 8020/950)	25 **	--
MW-4	21-Aug-98	0.11	--	18.9	ND	ND	ND	--	5.25	1.97 B/1.6 C
MW-4	25-Nov-98	2.0	--	82	1.9	1.5	0.75	ND	16 **	1.44 C
MW-4	25-Feb-99	1.4	--	37	1.0	1.0	ND	ND	11.6	ND
MW-4	28-May-99	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-4	28-Jan-00	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-4	16-Jun-00	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-4	29-Sep-00	0.32	--	3.5	32	10	51	ND	ND	ND
MW-4	2-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	ND
MW-5	24-Apr-91	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
MW-5	5-Aug-91	74	--	7,800	19,000	8,500	1,800	--	--	--
MW-5	29-Dec-95	100	60 ***	6,800	13,000	1,700	10,000	--	--	--
MW-5	18-Feb-98	42	--	2,900	6,600	580	4,800	ND (EPA 8020/95)	120 (TCE=4.7) **	--

Table 3. Groundwater Analytical Results Since 1991  
 200 Morris Street  
 Sebastopol, California



Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)	
									MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)
MW-6	5-Aug-91	<0.05	-	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-6	3-Feb-92	<50	--	<0.5	<0.5	<0.5	<0.5	--	<0.4	--
MW-7	5-Aug-91	<0.05	--	<b>5.0</b>	<0.5	<0.5	<b>0.8</b>	--	<0.4	--
MW-7	3-Feb-92	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--
MW-7	13-Aug-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	--	--	--
MW-7	14-Apr-97	ND	--	ND	ND	ND	ND	--	--	--
MW-8	5-Oct-93	--	--	<0.5	<0.5	<0.6	<0.6	--	<0.4	--
MW-8	29-Dec-95	ND	ND	ND	ND	ND	ND	--	--	--
MW-8	21-Aug-98	ND	--	ND	ND	ND	ND	<b>1.01</b>	ND	ND
MW-8	24-Nov-98	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-8	26-Feb-99	ND	--	ND	ND	ND	ND	<b>0.842</b>	ND	ND
MW-8	28-May-99	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-8	27-Jan-00	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-8	16-Jun-00	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-8	29-Sep-00	<b>0.31</b>	--	<b>4.2</b>	<b>3.7</b>	<b>13</b>	<b>56</b>	ND	ND	ND
MW-8	2-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	ND
MW-8	17-Dec-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	26-Mar-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	2-Jul-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	20-Sep-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	16-Dec-02	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	21-Mar-03	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	24-Jun-03	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	11-Sep-03	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	11-Mar-04	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	7-Jun-04	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	22-Oct-04	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	24-Jan-05	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	ND
MW-8	29-Apr-05	<0.050	--	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	ND
MW-8	19-Aug-05	<b>0.16</b>	--	<0.50	<b>1.43</b>	<b>0.82</b>	<b>4.98</b>	<1.0	<0.50	ND
MW-8	19-Oct-05	<b>0.083</b>	--	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	ND

Table 3. Groundwater Analytical Results Since 1991  
 200 Morris Street  
 Sebastopol, California



Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-9	5-Oct-93	..	<0.5	<0.5	<0.6	<0.6	<0.6	..	..	..
MW-9	29-Dec-95	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-9	21-Aug-98	<b>0.12</b>	--	ND	ND	ND	ND	ND	ND	ND
MW-9	24-Nov-98	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-9	26-Feb-99	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-9	28-May-99	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-9	28-Jan-00	ND	--	ND	ND	ND	ND	<b>0.513</b>	ND	ND
MW-9	16-Jun-00	ND	--	ND	ND	ND	ND	ND	ND	ND
MW-9	29-Sep-00	<b>0.15</b>	--	1.1	<b>4.5</b>	<b>23</b>	ND	ND	ND	ND
MW-9	2-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.50	<0.5	<0.5	ND
MW-9	17-Dec-01	<0.05	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	26-Mar-02	<0.05	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	2-Jul-02	<0.05	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	20-Sep-02	<0.05	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	16-Dec-02	<0.05	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	21-Mar-03	<0.05	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	24-Jun-03	<0.05	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	11-Sep-03	1.1	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***
MW-9	11-Mar-04	<b>0.47</b>	--	<b>1.51</b>	<0.5	<0.5	<1.0	<0.5	<0.5	ND
MW-9	7-Jun-04	<b>0.35</b>	--	<b>8.51</b>	<b>4.06</b>	<2.5	<b>3.07</b>	<5.0	<2.5	ND
MW-9	22-Oct-04	<b>0.80</b>	--	<b>47.5</b>	<b>9.55</b>	<2.5	<b>6.23</b>	<5.0	<2.5	ND
MW-9	24-Jan-05	<b>0.78</b>	--	<b>48.7</b>	<b>10.4</b>	<b>1.24</b>	<b>6.97</b>	<1.0	<0.5	***
MW-9	29-Apr-05	<b>0.12</b>	--	<b>27.8</b>	<b>3.13</b>	<0.50	<b>3.13</b>	<1.00	<0.50	***
MW-9	19-Aug-05	<b>0.38</b>	--	<b>18.1</b>	<0.50	<0.50	<b>2.15</b>	<1.0	<0.50	***
MW-9	19-Oct-05	<b>2.7</b>	--	<b>89.9</b>	<0.50	<b>1.21</b>	<b>5.58</b>	<1.00	<0.50	other (13)
MW-10	5-Oct-93	..	..	<b>70</b>	<b>1.3</b>	<0.6	<0.6	..	<b>150</b>	..
MW-10	28-Dec-95	ND	ND	ND	ND	ND	ND	..	..	..
MW-10	14-Apr-97	ND	--	ND	ND	ND	ND	..	ND **	..
MW-10	28-Jul-97	ND	--	ND	ND	ND	ND	..	<b>2.2 **</b>	..
MW-10	19-Nov-97	ND	--	ND	ND	ND	ND	..	<b>1.1 **</b>	..
MW-10	18-Feb-98	ND	--	ND	ND	ND	ND	ND (EPA 8020/5)	<b>1.0 **</b>	..
MW-10	20-Aug-98	ND	--	ND	ND	ND	ND	<b>4.68</b>	<b>16.1</b>	ND
MW-10	24-Nov-98	ND	--	ND	ND	ND	ND	<b>4.36</b>	<b>10 **</b>	ND
MW-10	25-Feb-99	ND	--	ND	ND	ND	ND	<b>2.93</b>	<b>12.4</b>	ND
MW-10	27-May-00	ND	--	ND	ND	ND	ND	<b>1.73</b>	<b>8.58</b>	ND

Table 3. Groundwater Analytical Results Since 1991  
 200 Morris Street  
 Sebastopol, California



Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)	
										Method 8260	Method 8260
MW-10	27-Jan-00	ND	--	ND	ND	ND	ND	0.755	5.98	ND	ND
MW-10	15-Jun-00	ND	--	ND	ND	ND	ND	ND	4.44	ND	ND
MW-10	29-Sep-00	0.14	--	2.5	30	5.2	20	3.80	1.37	-	-
MW-10	1-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	4.33	0.941	***	***
MW-10	26-Mar-02	7.1	--	1,800	50.5	37.8	21.0	<10	82.4	***	***
MW-10	2-Jul-02	18	--	959	924	<100	999	<200	<100	***	***
MW-10	20-Sep-02	9.0	--	115	36.9	19.1	351	<20	<10	***	***
MW-10	16-Dec-02	>2.5	--	>2.5	>2.5	>2.5	7.48	<5.0	<10	***	***
MW-10	20-Mar-03	11	--	122	<5.0	8.79	14.8	<10	<5.0	10.2 I	10.2 I
MW-10	7-Jun-04	1.4	--	424	8.25	<5.0	13.0	<10	<5.0	17.7 I	17.7 I
MW-10	22-Oct-04	2.9	--	150	<5.0	<5.0	<5.0	<10	<10	***	***
MW-10	24-Jan-05	3.9	--	20.0	1.52	<1.0	3.75	<2.0	1.97	other (8)	other (8)
MW-10	28-Apr-05	0.13	--	19.6	<1.0	<1.0	3.82	<2.00	<1.0	3.09	3.09
MW-10	19-Aug-05	1.8	--	2.08	<0.50	<0.50	0.77	<1.0	3.08	other (14)	other (14)
MW-10	19-Oct-05	0.31	--	9.82	<0.50	<0.50	<0.50	<1.00	3.08	---	---
MW-11	5-Oct-93	--	--	<0.5	<0.5	<0.5	<0.6	<0.6	36	--	--
MW-11	28-Dec-95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-11	14-Apr-97	ND	--	ND	ND	ND	ND	--	8.5 **	---	---
MW-11	20-Aug-98	0.66	--	48.6	ND	14.8	ND	6.5	39.5	25.4 B	ND
MW-11	24-Nov-98	0.64	--	38	ND	4.2	ND	ND	12 **	ND	ND
MW-11	25-Feb-99	1.4	--	38	1.0	3.8	0.91	2.02	19.3	ND	ND
MW-11	28-May-99	ND	--	ND	ND	ND	ND	1.60	8.66	other (1)	other (1)
MW-11	27-Jan-00	14	--	1,080	442	513	541 mp	ND	ND	ND	ND
MW-11	15-Jun-00	15	--	1,400	140	590	960	ND	ND	ND	ND
MW-11	29-Sep-00	18	--	1,500	220	640	530	ND	ND	ND	ND
MW-11	1-Feb-01	8.7	--	280	260	110	250	<20.0	<20.0	---	---
MW-11	17-Dec-01	1.0	--	24.6	0.61	4.34	1.58	<1.0	1.76	---	---
MW-11	26-Mar-02	2.4	--	7.40	<2.5	<2.5	14.1	<5.0	<2.5	---	---
MW-11	2-Jul-02	2.8	--	<2.5	19.1	3.60	14.8	<5.0	<2.5	---	---
MW-11	20-Sep-02	0.36	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	---	---
MW-11	16-Dec-02	0.16	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	---	---
MW-11	20-Mar-03	<0.05	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	---	---
MW-11	24-Jun-03	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	1.55 PCE	1.55 PCE
MW-11	11-Sep-03	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	---	---
MW-11	11-Mar-04	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	---	---

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 200 Morris Street  
 Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)		1,2-Dichloroethane (µg/l)		Other EPA Test Method 8260 Compounds (µg/l)	
								Method 8260	Method 8260	(EPA Test Method 8260) (µg/l)	(EPA Test Method 8260) (µg/l)	(EPA Test Method 8260) (µg/l)	(EPA Test Method 8260) (µg/l)
MW-11	7-Jun-04	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	<0.5	<0.5	ND	ND
MW-11	22-Oct-04	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	<0.5	<0.5	ND	ND
MW-11	24-Jan-05	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	<0.5	<0.5	***	***
MW-11	28-Apr-05	<0.050	--	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	***	***
MW-11	19-Aug-05	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	***	***
MW-11	19-Oct-05	<0.050	--	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	ND	ND
MW-12	15-Apr-97	ND	--	ND	ND	ND	ND	--	ND	--	ND	--	--
MW-12	25-Nov-98	ND	--	ND	ND	ND	ND	--	ND	--	ND	ND	ND
MW-12	27-May-99	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	27-Jan-00	1.2	--	119	ND	ND	ND	ND	ND	ND	ND	ND	9.64 Be
MW-12	15-Jun-00	ND	--	6.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	29-Sep-00	0.15	--	36	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	1-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND
MW-13	28-Dec-95	ND	ND	ND	ND	ND	ND	--	ND	--	ND	--	--
MW-13	15-Apr-97	ND	--	ND	ND	ND	ND	--	ND	--	ND	--	--
MW-13	25-Nov-98	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	27-May-99	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	27-Jan-00	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	15-Jun-00	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	29-Sep-00	0.13	--	1.9	8.4	2.4	9.3	ND	ND	ND	ND	ND	ND
MW-13	1-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
MW-16	22-Oct-04	5.3	--	25.8	<2.5	40.7	143	<5.0	<5.0	--	ND	--	--
MW-16	24-Jan-05	2.1	--	15.1	2.86	11.5	35.8	<5.0	<5.0	15.5	15.5	15.5	***
MW-16	28-Apr-05	<0.250	--	12.0	<2.5	<2.5	8.00	<5.00	<5.00	14.4	14.4	14.4	other (9)
MW-16	19-Aug-05	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	13.6	13.6	13.6	***
MW-16	18-Oct-05	<0.050	--	<0.50	<0.50	<0.50	<0.50	<1.00	<1.00	17.2	17.2	17.2	ND
MW-17	22-Oct-04	1.4	--	509	99.5	7.97	123	<5.0	<2.5	<2.5	<2.5	<2.5	other (4)
MW-17	24-Jan-05	1.8	--	305	50.3	28.9	59.0	<10	<5.0	<5.0	<5.0	<5.0	***
MW-17	29-Apr-05	1.9	--	548	40.3	24.6	43.4	<10.0	<10.0	other (10)	other (10)	other (10)	***
MW-17	18-Aug-05	<0.25	--	21.8	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	<2.5	***
MW-17	18-Oct-05	<0.050	--	3.42	0.50	0.50	0.50	<1.00	<1.00	<0.50	<0.50	<0.50	ND



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 200 Morris Street  
 Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)		1,2-Dichloroethane (EPA Test Method 8260) (µg/l)		Other EPA Test Method 8260 Compounds (µg/l)	
								Method 8260	Method 8260	Dichloroethane	other (5)	other (6)	other (7)
MW-18	22-Oct-04	16	--	2,830	1,840	2,050	2,720	<100	<50	57.4	***	***	
MW-18	24-Jan-05	25	--	2,590	1,230	1,800	1,970	<100	<100	99.1	***	***	
MW-18	18-Aug-05	16	--	3,860	531	1,470	1,140	<100	<100	86.5	other (15)	other (16)	
MW-18	18-Oct-05	14	--	3,230	681	1,300	1,277	<100	<100	80.0	other (6)	other (7)	
MW-19	22-Oct-04	10	--	974	168	30.2	826	<10.0	<20	46.3	***	***	
MW-19	24-Jan-05	16	--	2,410	1,030	228	1,090	<20	<20.0	64.0	other (11)	other (11)	
MW-19	29-Apr-05	12	--	2,610	84.3	226	610	<20	<20	153	***	***	
MW-19	19-Aug-05	1.3	--	82.1	<10	<10	<10	<10	<20.0	120	other (16)	other (16)	
MW-19	19-Oct-05	1.1	--	220	<10	<10	<10	<10	<20.0	<10	other (7)	other (7)	
MW-20	22-Oct-04	11	--	1,350	1,700	1,250	4,460	<10.0	<5.0	25	***	***	
MW-20	24-Jan-05	29	--	1,840	1,970	1,450	4,560	<50	<50	5.0	other (12)	other (12)	
MW-20	29-Apr-05	38	--	1,120	970	873	2,710	<10.0	<10.0	<5.0	***	***	
MW-20	18-Aug-05	29	--	553	850	533	3,120	<10.0	<10.0	<10	other (17)	other (17)	
MW-20	19-Oct-05	9.8	--	105	106	196	887	<20.0	<20.0	<11.6	***	***	
MW-21	18-Aug-05	<0.05	--	9.20	3.48	<0.50	2.36	<1.0	<1.0	ND	ND	ND	
MW-21	18-Oct-05	0.11	--	10.5	10.6	1.66	5.08	<1.00	<1.00	9.53	***	***	
MW-23	19-Aug-05	<0.05	--	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	ND	ND	ND	
MW-23	19-Oct-05	<0.050	--	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	ND	ND	
P-4	29-Dec-95	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
P-4	21-Aug-98	0.09	--	ND	ND	ND	ND	ND	ND	ND	ND	1.09 C	
P-4	25-Nov-98	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
P-4	26-Feb-99	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
P-4	28-May-99	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
P-4	27-Jan-00	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
P-4	16-Jun-00	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
P-4	29-Sep-00	0.16	--	ND	9.2	3.5	18	ND	ND	ND	ND	ND	
P-4	2-Feb-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	<0.5	--	--	
P-4	17-Dec-01	<0.05	--	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	***	***	
P-4	26-Mar-02	0.41	--	<0.5	1.54	<0.5	1.33	<1.0	<0.5	<0.5	***	***	



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 200 Morris Street  
 Sebastopol, California



Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
EX-1	9-Jan-96	3.1	ND	53	2.3	0.6	2.2	..	4.0 **	..
EX-1	12-Jan-96	3.2	ND	100	2.7	1.7	1.5	..	12 **	..
EX-1	15-Apr-97	1.0	..	3.3	0.8	ND	ND	..	2.9 **	..
EX-1	28-Jul-97	1.0	..	180	1.3	1.5	0.9	..	0.5 **	..
EX-1	18-Nov-97	ND	..	ND	ND	ND	ND	..	ND **	..
EX-1	18-Feb-98	0.32	..	0.6	ND	ND	ND	ND (EPA 8020/5)	1.0 **	..
EX-1	20-Aug-98	5.0	..	1,390	ND	ND	ND	ND	ND	ND
EX-1	25-Nov-98	3.6	..	470	ND	ND	ND	..	11	5.89 C
EX-1	25-Feb-99	0.78	..	400	0.86	0.60	ND	ND	5.72	ND
EX-1	27-May-99	0.17	..	3.78	ND	ND	ND	ND	1.56	ND
EX-1	27-Jun-00	ND	..	ND	ND	ND	ND	ND	ND	ND
EX-1	15-Jun-00	ND	..	ND	ND	ND	ND	ND	ND	ND
EX-1	29-Sep-00	0.12	..	2.6	17	4.4	22	ND	ND	ND
EX-1	1-Feb-01	2.6	..	110	1.8	<0.5	<0.5	<20.0	<20	ND
EX-1	17-Dec-01	30	..	8,570	2,370	835	2,050	106	251	****
EX-1	26-Mar-02	49	..	5,190	12,900	920	7,140	<100	<50	****
EX-1	2-Jul-02	31	..	297	245	719	1,400	<200	<100	****
EX-1	20-Sep-02	9.8	..	<10.0	11.3	90.2	137	<20	<10	****
EX-1	16-Dec-02	6.3	..	38	65	24.8	56	<10	<10	****
EX-1	20-Mar-03	12	..	448	226	102	127	<10	<5.0	****

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 200 Morris Street  
 Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (µg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
Note: Samples collected prior to 1995 were collected by Kleinfeider										
mg/l = Milligrams per liter which is equivalent to parts per million (ppm).										
µg/l = Micrograms per liter which is equivalent to parts per billion (ppb).										
ND = Not detected at laboratory reporting limit.										
-- = Not analyzed.										
other (1) = Naphthalene = 84.2 µg/l; n-propylbenzene = 65.0 µg/l; 1,3,5-trimethylbenzene = 103 µg/l; 1,2,4-trimethylbenzene = 340 µg/l; and o-xylene = 174 µg/l.										
other (2) = Benzene = 1940 µg/l; Ethylbenzene = 875 µg/l; Naphthalene = 234 µg/l; 1,2,4-trimethylbenzene = 463 µg/l; and m,p-xylene = 562 µg/l.										
other (3) = N-propylbenzene = 6.19 µg/l; isopropylbenzene = 9.68 µg/l; 1,2,3-trimethylbenzene = 46.8 µg/l; 1,3,5-trimethylbenzene = 12.8 µg/l; and sec-butylbenzene = 4.61 µg/l.										
other (4) = N-propylbenzene = 3.13 µg/l; 1,2,3-trimethylbenzene = 23.0 µg/l; and 1,3,5-trimethylbenzene = 21.5 µg/l.										
other (5) = N-propylbenzene = 70.3 µg/l; isopropylbenzene = 70.3 µg/l; 1,3,5-trimethylbenzene = 341 µg/l; and 1,2,3-trichlorobenzene = 557 µg/l.										
other (6) = Naphthalene = 12.3 µg/l; n-propylbenzene = 8.01 µg/l; 1,2,3-trimethylbenzene = 92.1 µg/l; 1,3,5-trimethylbenzene = 69.0 µg/l.										
other (7) = Naphthalene = 216 µg/l; n-propylbenzene = 248 µg/l; 1,3,5-trimethylbenzene = 448 µg/l; 1,2,3-trimethylbenzene = 1,350 µg/l; n-butylbenzene = 60.5 µg/l; isopropylbenzene = 73.5 µg/l; and sec-butylbenzene = 13.1 µg/l.										
other (8) = Isopropylbenzene = 21.7 µg/l; sec-butylbenzene = 4.97 µg/l; n-butylbenzene = 6.04 µg/l.										
other (9) = 1,2,3-trimethylbenzene = 6.63 µg/l.										
other (10) = Naphthalene = 21.5 µg/l; n-propylbenzene = 9.52 µg/l; 1,2,3-trimethylbenzene = 12.1 µg/l; 1,3,5-trimethylbenzene = 7.15 µg/l; isopropylbenzene = 6.14 µg/l.										
other (11) = N-propylbenzene = 33.2 µg/l; 1,2,3-trimethylbenzene = 164 µg/l; 1,3,5-trimethylbenzene = 63.0 µg/l; isopropylbenzene = 26.2 µg/l.										
other (12) = Naphthalene = 168 µg/l; n-propylbenzene = 140 µg/l; 1,3,5-trimethylbenzene = 331 µg/l; 1,2,3-trimethylbenzene = 922 µg/l; isopropylbenzene = 46.8 µg/l.										
other (13) = Chloroform = 4.34 µg/l; isopropylbenzene = 3.00 µg/l; n-propylbenzene = 1.00 µg/l; 1,2,3-trimethylbenzene = 1.82 µg/l.										
other (14) = Isopropylbenzene = 2.31 µg/l.										
other (15) = Isopropylbenzene = 63.2 µg/l; Naphthalene = 339 µg/l; n-propylbenzene = 160 µg/l; 1,3,5-trimethylbenzene = 249 µg/l; 1,2,3-trimethylbenzene = 355 µg/l.										
other (16) = Isopropylbenzene = 10.7 µg/l.										
other (17) = Isopropylbenzene = 12.6 µg/l; naphthalene = 32.1 µg/l; n-propylbenzene = 13.2 µg/l; 1,3,5-trimethylbenzene = 236 µg/l; 1,2,3-trimethylbenzene = 391 µg/l.										
mp = m,p-xylene.										
B = Bromodichloromethane.										
Be = Benzene by EPA Test Method 8260B.										
C = Di-isopropyl ether.										
C = Isopropylbenzene.										
I = Toluene by EPA Test Method 8260B.										
T = m,p-Xylene by EPA Test Method 8260B.										
X = Trichloroethylene.										
TCE = Tetrachloroethylene.										
PCE = Analyses performed by EPA Test Method 8020 (reporting limit for MTBE in µg/l).										
EPA 8020/5 = Methyl tertiary butyl ether.										
* = Analyzed using EPA Test Method 8010, all other analytes were not detected.										
** = Chromatographic peak array does not match commercial diesel standard, probable source is gasoline.										
*** = Analyzed for other petroleum oxygenates and lead scavengers, not detected at laboratory reporting limits.										



TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California



Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-16	28-Apr-05	68.33	36.26	36.26	32.07	0.00	0.00	32.07
MW-17	28-Apr-05	68.69	36.55	36.55	32.14	0.00	0.00	32.14
MW-18	28-Apr-05	68.18						
MW-19	28-Apr-05	67.65	36.09	36.09	31.56	0.00	0.00	31.56
MW-20	28-Apr-05	68.34	35.71	35.71	32.63	0.00	0.00	32.63
EX-1	28-Apr-05	69.37	NM	NM				
MW-1 (1)	18-Aug-05	68.57	NM	NM				
MW-4	18-Aug-05	71.77	NM	NM				
P-4 (1)	18-Aug-05	69.30	NM	NM				
MW-5 (1)	18-Aug-05	68.70	NM	NM				
MW-8 (1)	18-Aug-05	68.75	36.87	36.87	31.88	0.00	0.00	31.88
MW-9 (1)	18-Aug-05	70.08	37.38	37.38	32.70	0.00	0.00	32.70
MW-10 (1)	18-Aug-05	68.37	32.90	32.90	35.47	0.00	0.00	35.47
MW-11 (1)	18-Aug-05	67.83	34.95	34.95	32.88	0.00	0.00	32.88
MW-12	18-Aug-05	67.48	NM	NM				
MW-13	18-Aug-05	67.66	NM	NM				
MW-14 (1)	18-Aug-05	68.77	NM	NM				
MW-15	18-Aug-05	68.19	36.11	39.48	28.71	3.37	2.56	31.27
MW-16	18-Aug-05	68.33	38.17	38.17	30.16	0.00	0.00	30.16
MW-17	18-Aug-05	68.69	38.34	38.34	30.35	0.00	0.00	30.35
MW-18	18-Aug-05	68.18	37.67	37.67	30.51	0.00	0.00	30.51
MW-19	18-Aug-05	67.65	37.96	37.96	29.69	0.00	0.00	29.69
MW-20	18-Aug-05	68.34	37.32	37.32	31.02	0.00	0.00	31.02
MW-21	18-Aug-05	68.62	37.77	37.77	30.85	0.00	0.00	30.85
MW-22	18-Aug-05	68.41	NM	NM				
MW-23	18-Aug-05	67.62	34.78	34.78	32.84	0.00	0.00	32.84
EX-1	18-Aug-05	69.37	NM	NM				
MW-1 (1)	18-Oct-05	68.57	NM	NM				
MW-4	18-Oct-05	71.77	NM	NM				
P-4 (1)	18-Oct-05	69.30	NM	NM				
MW-5 (1)	18-Oct-05	68.70	NM	NM				



TABLE 1. GROUNDWATER ELEVATION DATA SINCE 1997  
 200 Morris Street  
 Sebastopol, California

Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-8 (1)	18-Oct-05	68.75	37.82	37.82	30.93	0.00	0.00	30.93
MW-9 (1)	18-Oct-05	70.08	38.42	38.42	31.66	0.00	0.00	31.66
MW-10 (1)	18-Oct-05	68.37	33.24	33.24	35.13	0.00	0.00	35.13
MW-11 (1)	18-Oct-05	67.83	36.36	36.36	31.47	0.00	0.00	31.47
MW-12	18-Oct-05	67.48	NM	NM	NM	NM	NM	NM
MW-13	18-Oct-05	67.66	NM	NM	NM	NM	NM	NM
MW-14 (1)	18-Oct-05	68.77	NM	NM	NM	NM	NM	NM
MW-15 (3)	18-Oct-05	68.19	37.38	39.70	28.49	2.32	1.76	30.25
MW-16	18-Oct-05	68.33	39.13	39.13	29.20	0.00	0.00	29.20
MW-17	18-Oct-05	68.69	39.27	39.27	29.42	0.00	0.00	29.42
MW-18	18-Oct-05	68.18	38.65	38.65	29.53	0.00	0.00	29.53
MW-19	18-Oct-05	67.65	38.91	38.91	28.74	0.00	0.00	28.74
MW-20	18-Oct-05	68.34	38.03	38.03	30.31	0.00	0.00	30.31
MW-21	18-Oct-05	68.62	38.69	38.69	29.93	0.00	0.00	29.93
MW-22	18-Oct-05	68.41	Dry	Dry	Dry	Dry	Dry	Dry
MW-23	18-Oct-05	67.62	34.50	34.50	33.12	0.00	0.00	33.12
EX-1	18-Oct-05	69.37	NM	NM	NM	NM	NM	NM

MSL = Mean sea level.

-1 = Top of well casings resurveyed by Carlenzoli and Associates on January 25, 1999. Wells showing changes in elevations

-1 = Top of well casings resurveyed by Carlenzoli and Associates on January 25, 1999. Wells showing changes in elevations

-2 = Only product present in well casing. Product thickness is likely greater than measured.

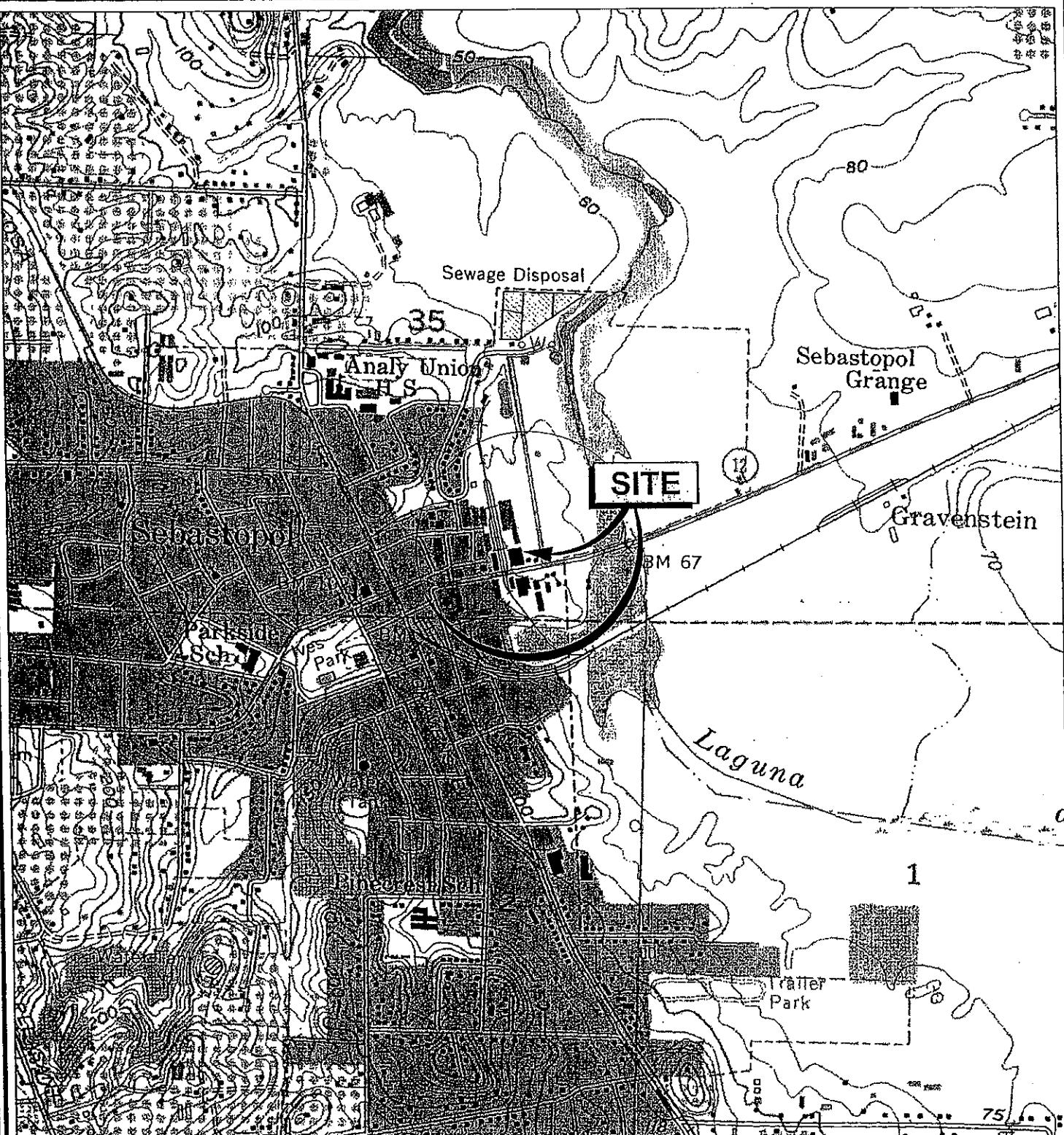
-3 = Product to bottom of well, product thickness is a minimum amount.

\* = Factor is equal to the density of gasoline (assumed to be 0.76 grams per cubic centimeter) divided by the density of groundwater (0.998 grams per cubic centimeter).

\*\* = Hydraulic potential is equal to the floating product thickness times the correction factor (0.76), plus the elevation of groundwater uncorrected.

## **PLATES**





REFERENCE:

Sebastopol, 1993,  
7.5 Minute Quadrangle Topographic Map, USGS.



APPROXIMATE SCALE (FEET)



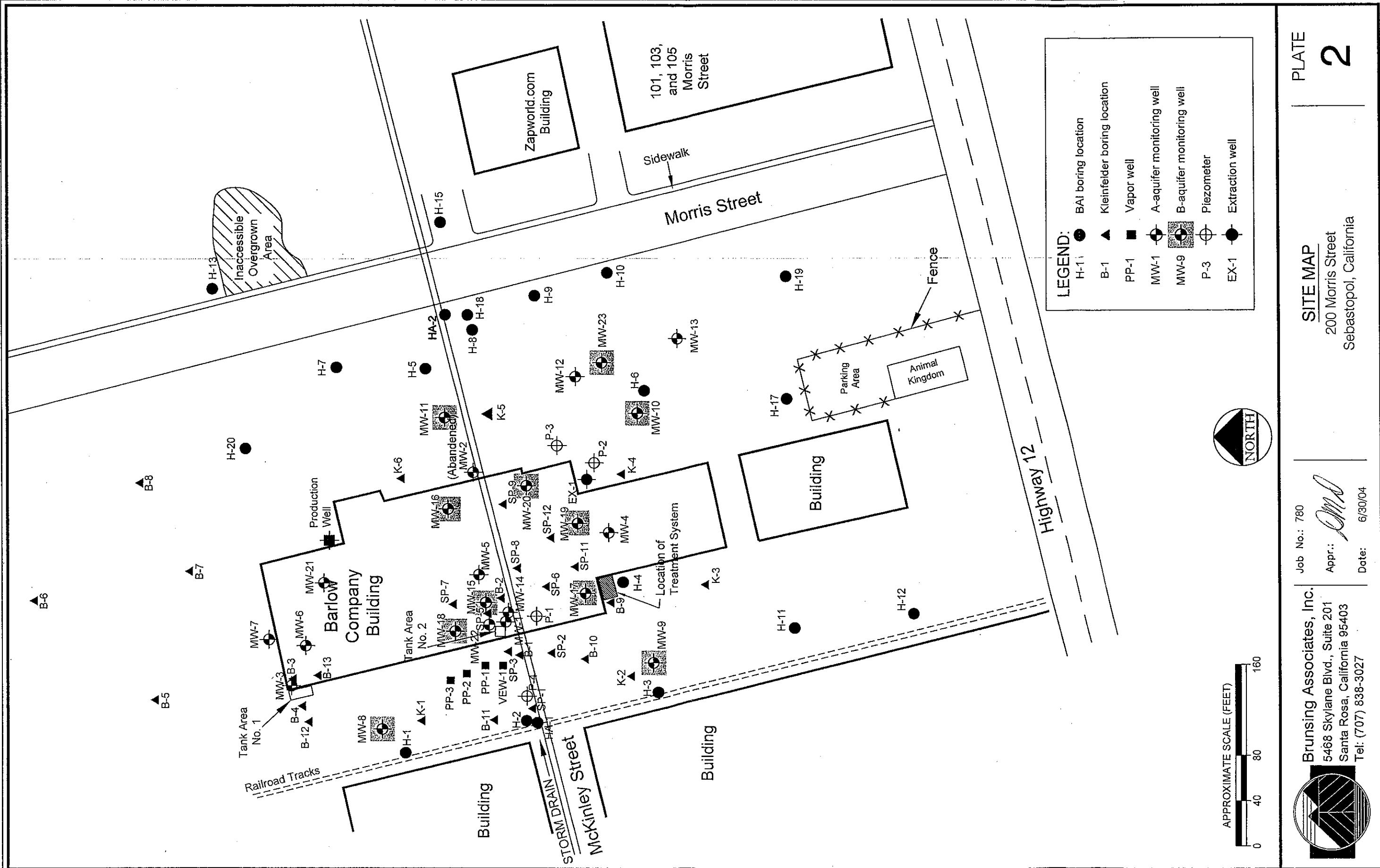
Brusing Associates, Inc.  
5803 Skylane Boulevard  
Suite A  
Windsor, California  
(707) 838-3027

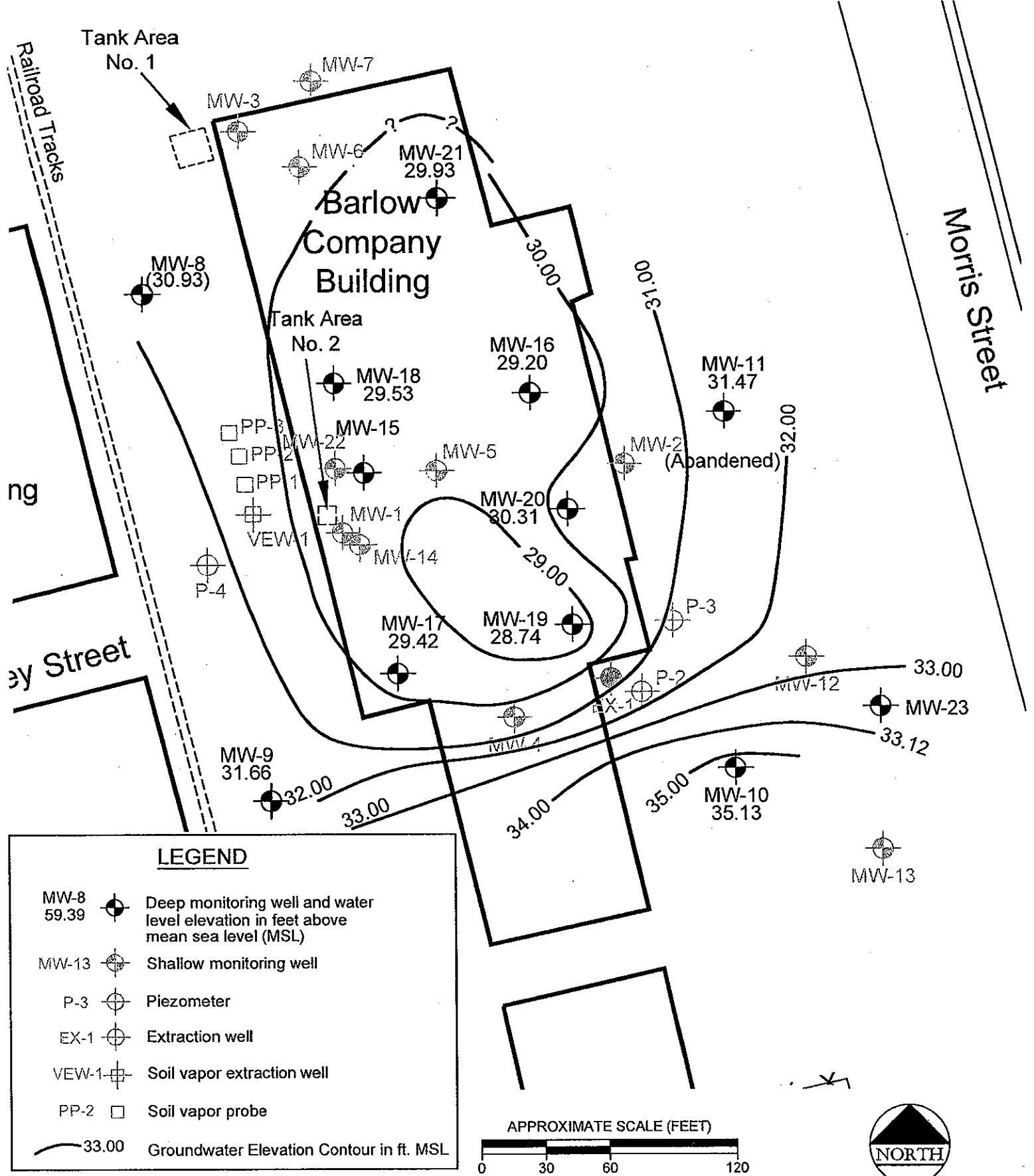
Job No.: 466

Appr.: *DmD*  
Date: 03/04/03

SITE VICINITY MAP  
200 Morris Street  
Sebastopol, California

PLATE  
1





Brunsing Associates, Inc.  
5468 Skylane Blvd., Suite 201  
Santa Rosa, California 95403  
Tel: (707) 838-3027

Job No.: 780  
Appr.: *[Signature]*  
Date: 9/13/05

**GROUNDWATER ELEVATIONS**  
**DEEP WELLS OCTOBER 18, 2005**  
200 Morris Street  
Sebastopol, California

PLATE  
**3**

**APPENDIX A**  
**Monitoring Well Sampling Protocol And Field Measurements**



## **Groundwater Sampling Protocol**

### **Monitoring Wells**

Prior to purging a monitoring well, groundwater levels are measured with a Solinst electric depth measurement device, or an interface probe, in all wells that are to be measured. At sites where petroleum hydrocarbons are possible contaminants, the well is checked for floating product using a clear bailer, a steel tape with water/oil paste, or an interface probe, during the initial sampling round. If floating product is measured during the initial sampling round or noted during subsequent sampling rounds, floating product measurements are continued.

After the water level and floating product measurements are complete, the monitoring well is purged until a minimum of three casing volumes of water are removed, water is relatively clear of sediment, and pH, conductivity, and temperature measurements of the water become relatively stable. If the well is purged dry, groundwater samples are collected after the water level in the well recovers to at least 80 percent of the original water column measured in the well prior to sampling, or following a maximum recovery period of two hours. The well is purged using a factory-sealed, disposable, polyethylene bailer, a four-inch diameter submersible Grundfos pump, a two-inch diameter ES-40 purge pump, or a peristaltic pump. The purge water is stored on-site in clean, 55-gallon drums.

A groundwater sample is collected from each monitoring well following re-equilibration of the well after purging. The groundwater sample is collected using a factory-sealed disposable, polyethylene bailer with a sampling port, or a factory-sealed Teflon bailer. A factory provided attachment designed for use with volatile organic compounds (VOCs) is attached to the polyethylene bailer sampling port when collecting samples to be analyzed for VOCs. The groundwater sample is transferred from the bailer into sample container(s) that are obtained directly from the analytical laboratory.

The sample container(s) is labeled with a self-adhesive tag. The following information is included on the tag:

- Project number
- Sample number
- Date and time sample is collected
- Initials of sample collector(s).

Individual log sheets are maintained throughout the sampling operations. The following information is recorded:

- Sample number
- Date and time well sampled and purged
- Sampling location
- Types of sampling equipment used
- Name of sampler(s)
- Volume of water purged.



Following collection of the groundwater sample, the sample is immediately stored on blue ice in an appropriate container. A chain-of-custody form is completed with the following information:

- Date the sample was collected
- Sample number and the number of containers
- Analyses required
- Remarks including preservatives added and any special conditions.

The original copy of the chain-of-custody form accompanies the sample containers to a California-certified laboratory. A copy is retained by BAI and placed in company files.

Sampling equipment including thermometers, pH electrodes, and conductivity probes are cleaned both before and after their use at the site. The following cleaning procedures are used:

- Scrub with a potable water and detergent solution or other solutions deemed appropriate using a hard bristle brush
- Rinse with potable water
- Double-rinse with organic-free or deionized water
- Package and seal equipment in plastic bags or other appropriate containers to prevent contact with solvents, dust, or other contaminants.

In addition, the pumps are cleaned by pumping a potable water and detergent solution and deionized water through the system. Cleaning solutions are contained on-site in clean 55-gallon drums.

#### **Domestic and Irrigation Wells**

Groundwater samples collected from domestic or irrigation wells are collected from the spigot that is the closest to the well. Prior to collecting the sample, the spigot is allowed to flow for at least 5 minutes to purge the well. The sample is then collected directly into laboratory-supplied containers, sealed, labeled, and stored on blue ice in an appropriate container, as described above. A chain-of-custody form is completed and submitted with the samples to the analytical laboratory.



**FILE COPY**UST       Yes  
Fund Site:       No**FIELD REPORT**PAGE 1 OF 6

JOB NO: 780 PROJECT: 200 Morris Street (Barlow)  
 INITIAL: CPS SUBJECT: GROUNDWATER SAMPLING  
 DATE: 10-18-05 PROJECT PHASE NUMBER: 04  
 VEHICLE USED: FORD F-150

Total Time: 7.50  
 End. Mileage: 215  
 Beg. Mileage: 175 105

TOTAL MILEAGE: 35

TIME		DESCRIPTION OF WORK AND CONVERSATION RECORDS
0744		LOAD EQUIPMENT AND SUPPLIES.
0827		TO SITE.
0856		ARRIVE AT SITE, SET-UP FOR GROUNDWATER SAMPLING.  MEASURED TWO ROUNDS OF DISTANCE TO WATER AT WELLS  MW-8, MW-9, MW-10, MW-11, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21 AND MW-23.  MW-15 EXHIBITED 2.32' OF MEASUREABLE FREE PRODUCT, THERE IS NO WATER IN MW-15.  MW-22 IS DRY.
		PERFORMED GROUNDWATER SAMPLING AT WELLS, MW-16, MW-17, MW-18 AND MW-21.
		CLOSE WELLS AND MONUMENTS.
		STORED PURGEWATER IN DRUM LOCATED AT THE SOUTHWEST CORNER OF THE FACILITY.
		DECON SAMPLING EQUIPMENT, LOAD EQUIPMENT AND SUPPLIES.
		COMPLETED FIELD NOTES AND LOGGED SAMPLES ON CHAIN OF CUSTODY.
1452	LEAVE SITE.	DRUM COUNT:  Water = 2      Devlpmt Water = Soil =      Decon Water =
1522	ARRIVE AT OFFICE, UNLOAD EQUIPMENT AND SUPPLIES.	
1606	FINISHED WITH WORK.	



## WATER LEVELS

SHEET 2 OF 6

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

INSTRUMENT TYPE: <sup>HERON</sup> Interface Probe

INITIALS: CDS

DATE: 10-18-05

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-8	φ	37.82	1001		
MW-9	φ	38.41	1004		
MW-10	φ	33.23	0939		
MW-11	φ	36.35	0943		
MW-15	37.38	φ	0957		TD = 39.70, MINIMUM 2.32' OF FREE PRODUCT TO BOTTOM OF WELL.
MW-16	φ	39.12	0947		
MW-17	φ	39.27	0959		
MW-18	φ	38.64	0954		
MW-19	φ	38.91	1008		
MW-20	φ	38.04	1010		
MW-21	φ	38.68	0951		
MW-22	—	—	—	—	WELL DRY, TD = 24.84'
MW-23	φ	34.50	0941		
MW-8	φ	37.82	1041	✓	
MW-9	φ	38.42	1043	✓	
MW-10	φ	33.24	1017	✓	
MW-11	φ	36.36	1022	✓	
MW-15	—	—	—	—	FREE PRODUCT, NO WATER
MW-16	φ	39.13	1028	✓	
MW-17	φ	39.27	1038		
MW-18	φ	38.65	1030	✓	
MW-19	φ	38.91	1035	✓	
MW-20	φ	38.03	1032	✓	
MW-21	φ	38.64	1027	✓	
MW-22	—	—	—	—	WELL DRY
MW-23	φ	34.50	1019	✓	

# WELL SAMPLING

SHEET 3 OF 6

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-16 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 10-18-05

STARTING TIME: 1146 FINISHING TIME: 1223 INITIALS: CDS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 0.5 =  GALLONS

4" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS  S

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1200	1	7.45	424	16.6	TURBID Brown, NO ODORE, SANDY
1203	2	7.46	432	16.5	TURBID Brown, NO ODORE, SANDY
1208	3	7.48	422	16.4	TURBID Brown, NO ODORE, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME:  DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
1219	39.14	

# WELL SAMPLING

SHEET 4 OF 6

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-17 PRECIP. IN LAST 5 DAYS: — WIND —

DATE: 10-18-05

STARTING TIME: 1044 FINISHING TIME: 1145

INITIALS: CDS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH: [44.00] - D.T.W. [39.27] = H2O COLUMN: [4.73] X 0.5 = [2.37]

GALLONS

4" WELL DEPTH: [ ] - D.T.W. [ ] = H2O COLUMN: [ ] X 2.0 = [ ]

THEREFORE TOTAL PURGE GALLONS EQUALS

[2]

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1119	0.25	7.37	549	18.4	Cloudy Brown, no odor, sandy
1121	1	7.23	520	18.0	Turbid Brown, no odor, sandy
1125	2	7.28	498	17.9	Turbid Brown, no odor, sandy

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav) [ ]

SAMPLE TIME: 1139 DID WELL GO DRY? No

WATER LEVELS:		NOTES:
TIME	D.T.W.	
1142	39.74	

# WELL SAMPLING

SHEET 5 OF 6

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-18 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-18-05

STARTING TIME: 1311 FINISHING TIME: 1357

INITIALS: CPS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH: [44.00] - D.T.W. [38.65] = H<sub>2</sub>O COLUMN: [5.35] X 0.5 = [2.68]

G  
A  
L  
L  
O  
N  
S

4" WELL DEPTH: [ ] - D.T.W. [ ] = H<sub>2</sub>O COLUMN: [ ] X 2.0 = [ ]

THEREFORE TOTAL PURGE GALLONS EQUALS

[3]

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1321	1	7.10	442	16.9	Cloudy Green-Brown, P-H-C Odor, Sandy
1324	2	6.97	415	17.0	Turbid Green-Brown, P-H-C Odor, Sandy
1328	3	6.92	411	16.9	Turbid Green-Brown, P-H-C Odor, Sandy

SAMPLING:

SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME:

[1343]

DID WELL GO DRY?

[No]

WATER LEVELS:

NOTES:

TIME	D.T.W.
1346	38.68

# WELL SAMPLING

SHEET 6 OF 6

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-21 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-18-05

STARTING TIME: 1224 FINISHING TIME: 1310

INITIALS: CPS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 0.5 =

G  
A  
L  
L  
O  
N  
S

4" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1236	1	7.45	528	16.6	TURBID LIGHT Brown, NO ODOR, SANDY
1239	2	7.40	508	16.7	TURBID LIGHT Brown, NO ODOR, SANDY
1242	3	7.40	500	16.8	TURBID LIGHT Brown, NO ODOR, SANDY

**SAMPLING:** SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME:  DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
1256	39.05	

UST  Yes  
Fund Site:  No**FIELD REPORT**PAGE 1 OF 8

JOB NO: 780 PROJECT: 200 Morris Street (Barlow)

INITIAL: CDS SUBJECT: GROUNDWATER SAMPLING

DATE: 10-19-05 PROJECT PHASE NUMBER: 04

VEHICLE USED: FORD F-150

Total Time: 8.25End. Mileage: 245Beg. Mileage: 175215TOTAL MILEAGE: 30

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0614	LOAD EQUIPMENT AND SUPPLIES.
0648	TO SITE.
0714	ARRIVED AT SITE, SET-UP FOR GROUNDWATER SAMPLING, PERFORMED SAMPLING AT WELLS MW-8, MW-9, MW-10, MW-11, MW-19, MW-20 AND MW-23.
	STORED PURGEWATER IN DRUM LOCATED AT THE SOUTHWEST CORNER OF THE FACILITY.
	DECON SAMPLING EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES.
	COMPLETED FIELD NOTES AND LOGGED SAMPLES ON CHAIN OF CUSTODY.
1403	LEAVE SITE
1429	ARRIVED AT OFFICE, SUBMITTED SAMPLES FOR ANALYSIS UNLOAD EQUIPMENT AND SUPPLIES.
1505	FINISHED WITH WORK
	DRUM COUNT:
	Water = 2 Devlpmt Water = Soil = Decon Water =



# WELL SAMPLING

SHEET 2 OF 8

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-8 PRECIP. IN LAST 5 DAYS:

WIND ✓

DATE: 10-19-05

STARTING TIME: 1112

FINISHING TIME: 1156

INITIALS: CDS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 0.5 =

GALLONS

4" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1133	0.25	7.64	425	18.2	CLEAR, NO ODOR
1136	0.50	7.40	414	17.9	CLEAR, NO ODOR
1139	1	7.25	412	17.8	Cloudy Brown, NO odOR, SILTY/SANDY

SAMPLING:

SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME:

DID WELL GO DRY?

## WATER LEVELS:

NOTES:

TIME	D.T.W.	
1152	37.99	

# WELL SAMPLING

SHEET 3 OF 8

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL# MW-9 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-19-05

STARTING TIME: 1157 FINISHING TIME: 1228

INITIALS: CDS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH:  - D.T.W.  = H2O COLUMN:  X 0.5 =  GALLONS

4" WELL DEPTH:  - D.T.W.  = H2O COLUMN:  X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

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S

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1207	10.25	7.44	496	18.6	Cloudy grey, no odor, sandy
	0.50				
	1				

SAMPLING: SAMPLE ANALYSIS:

SAMPLE TIME:  DID WELL GO DRY?

WATER LEVELS:		NOTES: GRAB SAMPLE
TIME	D.T.W.	
1208	39.64	

# WELL SAMPLING

SHEET 4 OF 8

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-10 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-19-05

STARTING TIME: 1622 FINISHING TIME: 1711

INITIALS: CDS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 0.5 =

GALLONS

4" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1031	1	7.67	433	17.4	CLOUDY BROWN, NO ODR, SILTY / SANDY
1033	2	7.69	424	17.6	CLOUDY GREEN-BROWN, NO ODR, SILTY / SANDY
1037	3	7.29	414	17.6	CLOUDY GREEN-BROWN, NO ODR, SILTY / SANDY

SAMPLING:

SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME:

DID WELL GO DRY?

No

## WATER LEVELS:

NOTES:

TIME	D.T.W.
1054	37.72

# WELL SAMPLING

SHEET 5 OF 8

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-11 PRECIP. IN LAST 5 DAYS:  WIND

DATE: 10-19-05

STARTING TIME: 09:07 FINISHING TIME: 09:46

INITIALS: CDS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 0.5 =  GALLONS

4" WELL DEPTH:  - D.T.W.  = H<sub>2</sub>O COLUMN:  X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0917	0.25	7.59	284	16.9	CLOUDY BROWN, NO ODOR, SILTY / SANDY
	0.56				
0920	1	7.53	273	17.0	TURBID BROWN, NO ODOR, SILTY / SANDY
0926	2	7.53	272	17.2	TURBID BROWN, NO ODOR, SILTY / SANDY

SAMPLING:

SAMPLE ANALYSIS: ITPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME:

DID WELL GO DRY?

WATER LEVELS:		NOTES:
TIME	D.T.W.	
0937	37.92	slow recovery

# WELL SAMPLING

SHEET 6 OF 8

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-19 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-19-05

STARTING TIME: 0722 FINISHING TIME: 0817

INITIALS: GCS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 45.00 - D.T.W. 38.91 = H2O COLUMN: 6.09 X 0.5 = 3.05

GALLONS

4" WELL DEPTH:   - D.T.W.   = H2O COLUMN:   X 2.0 =  

THEREFORE TOTAL PURGE GALLONS EQUALS

3

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0753	1	7.13	661	16.8	CLOUDY BROWN, PH2 ODOUR, SANDY
0757	2	7.32	644	17.0	TURBID BROWN, NO ODOUR, SILTY/SANDY
0800	3	7.45	628	17.1	TURBID BROWN, NO ODOUR, SILTY/SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 08:5 DID WELL GO DRY? No

WATER LEVELS:		NOTES:
TIME	D.T.W.	
0818	39.12	

# WELL SAMPLING

SHEET 7 OF 8

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-20 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-19-05

STARTING TIME: 0818 FINISHING TIME: 0906

INITIALS: CD

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 45.00 - D.T.W. 38.03 = H2O COLUMN: 6.97 X 0.5 = 3.47

GALLONS

4" WELL DEPTH: [ ] - D.T.W. [ ] = H2O COLUMN: [ ] X 2.0 = [ ]

THEREFORE TOTAL PURGE GALLONS EQUALS

[ ]

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0835	1	7.24	493	16.6	Cloudy Green-Brown, pH 0002, Silty / Sandy
0840	2	7.17	482	16.7	Turbid Green-Brown, pH 0002, Silty / Sandy
0844	3	7.13	489	16.6	

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav) [ ]

SAMPLE TIME: 0856 DID WELL GO DRY? NO

WATER LEVELS:

NOTES:

TIME	D.T.W.
------	--------

0859 40.30

# WELL SAMPLING

SHEET 8 OF 8

PROJECT: 200 Morris Street (Barlow)

PROJECT NUMBER: 780

WELL # MW-23 PRECIP. IN LAST 5 DAYS:  WIND

DATE: 10-19-05

STARTING TIME: 0947 FINISHING TIME: 1021

INITIALS: CDS

## CALCULATION OF PURGE VOLUME

2" WELL DEPTH:  - D.T.W.  = H2O COLUMN:  X 0.5 =

G  
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N  
S

4" WELL DEPTH:  - D.T.W.  = H2O COLUMN:  X 2.0 =

THEREFORE TOTAL PURGE GALLONS EQUALS

## FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0953	1	7.54	396	17.9	TURBID LIGHT Brown, NO ODOR, SILTY / SANDY
1000	3	7.57	386	18.1	TURBID LIGHT Brown, NO ODOR, SILTY / SANDY
1005	5	7.58	388	18.1	TURBID LIGHT Brown, NO ODOR, SILTY / SANDY

SAMPLING:

SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME:

DID WELL GO DRY?

NO

WATER LEVELS:

NOTES: CLEARHEART HAS NOT RETURNED TO GROUT THE ± 6' FOOT  
VOID AROUND THE 2" CASING.

TIME D.T.W.

**APPENDIX B**  
**Analytical Laboratory Report**



## Laboratory Report Project Overview

EDF 1.2a

Laboratory: Bace Analytical, Windsor, CA  
Lab Report Number: 4673  
Project Name: 200 MORRIS STREET  
Work Order Number: 780.070  
Control Sheet Number: NA

Laboratory: Bace Analytical, Windsor, CA  
Lab Report Number: 4673  
Project Name: 200 MORRIS STREET  
Work Order Number: 780.070  
Control Sheet Number: NA

## Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anticode	Exmcode	Logdate	Extdate	Anadate	Lablotct	Run Sub
4673	MW-10	4673-3	W/G	CS	8260TPH	SW5030B	10/19/200	10/30/200	20051030A	18	
4673	MW-10	4673-3	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-11	4673-4	WG	CS	8260TPH	SW5030B	10/19/200	10/30/200	20051030A	18	
4673	MW-11	4673-4	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-16	4673-5	WG	CS	8260TPH	SW5030B	10/18/200	10/29/200	20051029	17	
4673	MW-16	4673-5	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-17	4673-6	WG	CS	8260TPH	SW5030B	10/18/200	10/29/200	20051029	25	
4673	MW-17	4673-6	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-18	4673-7	WG	CS	8260TPH	SW5030B	10/18/200	10/29/200	20051029	25	
4673	MW-18	4673-7	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-19	4673-8	WG	CS	8260TPH	SW5030B	10/19/200	10/29/200	20051029	26	
4673	MW-19	4673-8	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-20	4673-9	WG	CS	8260TPH	SW5030B	10/19/200	10/30/200	20051030A	19	
4673	MW-20	4673-9	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-21	4673-10	WG	CS	8260TPH	SW5030B	10/19/200	10/30/200	20051030A	20	
4673	MW-21	4673-10	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-23	4673-11	WG	CS	8260TPH	SW5030B	10/19/200	10/30/200	20051030A	21	
4673	MW-23	4673-11	WG	CS	SW8260B	SW5030B	5	5	5	5	
4673	MW-8	4673-1	WG	CS	8260TPH	SW5030B	10/19/200	10/29/200	20051029	20	
4673	MW-8	4673-1	WG	CS	SW8260B	SW5030B	10/19/200	10/29/200	20051029	20	

## Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Ahmcode	Exmcde	Logdate	Extdate	Anadate	Lablotid	Run Sub
4673	MW-9	4673-2	WG	CS	8260TPH	SW5030B	10/19/200	5	5	5	23
4673	MW-9	4673-2	WG	CS	SW8260B	SW5030B	5	5	5	5	23
	4675-4		WG	NC	SW8260B	SW5030B	/ /	5	5	5	9
	4675-5		WG	NC	8260TPH	SW5030B	/ /	5	5	5	12
	4673MB		WG	LB1	8260TPH	SW5030B	/ /	10/29/200	10/30/200	20051030A	4
	4673MB		WG	LB1	SW8260B	SW5030B	/ /	5	5	5	4
	4673MB		WG	LB2	8260TPH	SW5030B	/ /	10/29/200	10/29/200	20051029	4
	4673MB		WG	LB2	SW8260B	SW5030B	/ /	5	5	5	4
	4673MS		WG	MS1	8260TPH	SW5030B	/ /	10/30/200	10/30/200	20051030A	4
	4673MS		WG	MS1	SW8260B	SW5030B	/ /	5	5	5	21
	4673MS		WG	MS2	8260TPH	SW5030B	/ /	10/29/200	10/29/200	20051029	18
	4673MS		WG	MS2	SW8260B	SW5030B	/ /	5	5	5	13
	4673SD		WG	SD1	8260TPH	SW5030B	/ /	10/30/200	10/30/200	20051030A	10
	4673SD		WG	SD1	SW8260B	SW5030B	/ /	5	5	5	13
	4673SD		WG	SD2	8260TPH	SW5030B	/ /	10/29/200	10/29/200	20051029	22
	4673SD		WG	SD2	SW8260B	SW5030B	/ /	5	5	5	19
	4673SD		WG	SD2	SW8260B	SW5030B	/ /	5	5	5	14
	4673SD		WG	SD2	SW8260B	SW5030B	/ /	10/30/200	10/30/200	20051030A	11

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 1

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-10	Lab Samp ID:	4673-3			
Descr/Location:	MW-10	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	1051	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050 PQL		0.31	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	80-120	SLSA		103%		1

Approved by: Wesley H. Ratz Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 2

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-11	Lab Samp ID:	4673-4			
Descr/Location:	MW-11	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	0934	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL	ND	MG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene	80-120	SLSA		104%		1

Approved by: Wesley B. Ratz Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 3

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-16	Lab Samp ID:	4673-5			
Descr/Location:	MW-16	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1216	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL	ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	80-120	SLSA		104%		1

Approved by: Wesley H. Pote Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 4

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-17	Lab Samp ID:	4673-6			
Descr/Location:	MW-17	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1139	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050 PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	80-120	SLSA		103%		1

Approved by: Wesley H. Gatz Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 5

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS		
Project No:	780.070	Method:	8260TPH		
		Prep Meth:	SW5030B		
Field ID:	MW-18	Lab Samp ID:	4673-7		
Descr/Location:	MW-18	Rec'd Date:	10/19/2005		
Sample Date:	10/18/2005	Prep Date:	10/29/2005		
Sample Time:	1343	Analysis Date:	10/29/2005		
Matrix:	Groundwater	QC Batch:	20051029		
Basis:	Not Filtered	Notes:			
Analyte	Det Limit	Rep Limit	Note	Result	Units
Gasoline Range Organics (C5-C12)	4.00	5.00	PQL	14.	MG/L
SURROGATE AND INTERNAL STANDARD RECOVERIES:					
4-Bromofluorobenzene	80-120	SLSA		103%	1

Approved by: Wesley H. Doty Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 6

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-19	Lab Samp ID:	4673-8			
Descr/Location:	MW-19	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	0815	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.800	1.00	PQL	1.1	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	80-120	SLSA		102%		1

Approved by: William H. Pott Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 7

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-20	Lab Samp ID:	4673-9			
Descr/Location:	MW-20	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	0856	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.800	1.00	PQL	9.8	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	80-120	SLSA		98%		1

Approved by: Wesley H. Pott Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 8

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-21	Lab Samp ID:	4673-10			
Descr/Location:	MW-21	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1254	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050 PQL		0.11	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	80-120	SLSA		103%		

Approved by: William H. Ratz Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 9

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-23	Lab Samp ID:	4673-11			
Descr/Location:	MW-23	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	1016	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL	ND	MG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene	80-120	SLSA		100%		1

Approved by:



Date: 11/20/05

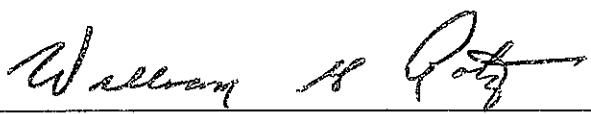
## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 10

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS		
Project No:	780.070	Method:	8260TPH		
		Prep Meth:	SW5030B		
Field ID:	MW-8	Lab Samp ID:	4673-1		
Descr/Location:	MW-8	Rec'd Date:	10/19/2005		
Sample Date:	10/19/2005	Prep Date:	10/29/2005		
Sample Time:	1149	Analysis Date:	10/29/2005		
Matrix:	Groundwater	QC Batch:	20051029		
Basis:	Not Filtered	Notes:			
Analyte	Det Limit	Rep Limit	Note	Result	Units
Gasoline Range Organics (C5-C12)	0.040	0.050 PQL		0.083	MG/L
SURROGATE AND INTERNAL STANDARD RECOVERIES:					
4-Bromofluorobenzene	80-120	SLSA		100%	1

Approved by:

Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 11

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS			
Project No:	780.070	Method:	8260TPH			
		Prep Meth:	SW5030B			
Field ID:	MW-9	Lab Samp ID:	4673-2			
Descr/Location:	MW-9	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	1209	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL	27	MG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene	80-120	SLSA		102%		1

Approved by:

*William H. Ratz*

Date:

*11/20/05*

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 12

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-10	Lab Samp ID:	4673-3			
Descr/Location:	MW-10	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	1051	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Bénzene	0.27	0.50	PQL	9.82	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	3.08	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	231	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:

*Wesley H. Pote*

Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 13

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-10	Lab Samp ID:	4673-3			
Descr/Location:	MW-10	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	1051	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	ND	UG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene		86-115	SLSA	103%		1
Toluene-d8		88-110	SLSA	100%		1
Dibromofluoromethane		86-118	SLSA	102%		1

Approved by:

*Wesley A. Ratz*

Date:

*11/20/05*

Project Name:	200 MORRIS STREET	Analysis: Volatile Organic Compounds by GC/MS				
Project No:	780.070	Method: SW8260B				
		Prep Meth: SW5030B				
Field ID:	MW-11	Lab Samp ID:	4673-4			
Descr/Location:	MW-11	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	0934	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	ND	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	ND	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:

Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 15

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-11	Lab Samp ID:	4673-4			
Descr/Location:	MW-11	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	0934	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		86-115	SLSA	104%		1
Toluene-d8		88-110	SLSA	107%		1
Dibromofluoromethane		86-118	SLSA	105%		1

Approved by:

*Wesley H. Potts*Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 16

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-16	Lab Samp ID:	4673-5			
Descr/Location:	MW-16	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1216	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	ND	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	17.2	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	ND	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:

Date: 11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-16	Lab Samp ID:	4673-5			
Descr/Location:	MW-16	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1216	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	ND	UG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene		86-115	SLSA	104%		1
Toluene-d8		88-110	SLSA	106%		1
Dibromofluoromethane		86-118	SLSA	104%		1

Approved by:

*William H. Ratz*Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 18

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-17	Lab Samp ID:	4673-6			
Descr/Location:	MW-17	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1139	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	3.42	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	ND	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:

Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 19

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-17	Lab Samp ID:	4673-6			
Descr/Location:	MW-17	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1139	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		86-115	SLSA	103%		1
Toluene-d8		88-110	SLSA	107%		1
Dibromofluoromethane		86-118	SLSA	105%		1

Approved by:

*William H. Rots*Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 20

Project Name:	200 MORRIS STREET	Analysis: Volatile Organic Compounds by GC/MS				
Project No:	780.070	Method: SW8260B				
		Prep Meth: SW5030B				
Field ID:	MW-18	Lab Samp ID:	4673-7			
Descr/Location:	MW-18	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1343	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	27.	50.	PQL	3230.	UG/L	100
Bromodichloromethane	31.	50.	PQL	ND	UG/L	100
Bromoform	40.	50.	PQL	ND	UG/L	100
Bromomethane	20.	50.	PQL	ND	UG/L	100
Carbon tetrachloride	40.	50.	PQL	ND	UG/L	100
Chlorobenzene	30.	50.	PQL	ND	UG/L	100
Dibromochloromethane	43.	50.	PQL	ND	UG/L	100
Chloroethane	35.	50.	PQL	ND	UG/L	100
Chloroform	33.	50.	PQL	ND	UG/L	100
Chloromethane	40.	50.	PQL	ND	UG/L	100
1,2-Dibromo-3-chloropropane	36.	50.	PQL	ND	UG/L	100
1,2-Dibromoethane	41.	50.	PQL	ND	UG/L	100
Dibromomethane	31.	50.	PQL	ND	UG/L	100
1,2-Dichlorobenzene	43.	50.	PQL	ND	UG/L	100
1,3-Dichlorobenzene	48.	50.	PQL	ND	UG/L	100
1,4-Dichlorobenzene	40.	50.	PQL	ND	UG/L	100
Dichlorodifluoromethane	36.	50.	PQL	ND	UG/L	100
1,1-Dichloroethane	27.	50.	PQL	ND	UG/L	100
1,2-Dichloroethane	35.	50.	PQL	86.5	UG/L	100
1,1-Dichloroethene	36.	50.	PQL	ND	UG/L	100
trans-1,2-Dichloroethene	24.	50.	PQL	ND	UG/L	100
1,2-Dichloropropane	36.	50.	PQL	ND	UG/L	100
Ethylbenzene	24.	50.	PQL	1300.	UG/L	100
Hexachlorobutadiene	57.	100.	PQL	ND	UG/L	100
Isopropylbenzene	43.	50.	PQL	63.2	UG/L	100
Methylene chloride	22.	50.	PQL	ND	UG/L	100
Naphthalene	47.	100.	PQL	339.	UG/L	100
Styrene	41.	50.	PQL	ND	UG/L	100
1,1,1,2-Tetrachloroethane	38.	50.	PQL	ND	UG/L	100
1,1,2,2-Tetrachloroethane	25.	50.	PQL	ND	UG/L	100

Approved by:

Date:

11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-18	Lab Samp ID:	4673-7			
Descr/Location:	MW-18	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1343	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Tetrachloroethene (PCE)	32.	50.	PQL	ND	UG/L	100
Toluene	40.	50.	PQL	681.	UG/L	100
1,2,4-Trichlorobenzene	57.	100.	PQL	ND	UG/L	100
1,1,1-Trichloroethane	29.	50.	PQL	ND	UG/L	100
1,1,2-Trichloroethane	31.	50.	PQL	ND	UG/L	100
Trichloroethene (TCE)	40.	50.	PQL	ND	UG/L	100
1,2,3-Trichloropropane	35.	50.	PQL	ND	UG/L	100
Vinyl chloride	32.	50.	PQL	ND	UG/L	100
Bromobenzene	27.	50.	PQL	ND	UG/L	100
n-Butylbenzene	51.	100.	PQL	ND	UG/L	100
sec-Butylbenzene	49.	100.	PQL	ND	UG/L	100
tert-Butylbenzene	41.	100.	PQL	ND	UG/L	100
2-Chlorotoluene	40.	50.	PQL	ND	UG/L	100
4-Chlorotoluene	40.	50.	PQL	ND	UG/L	100
cis-1,2-Dichloroethene	34.	50.	PQL	ND	UG/L	100
1,3-Dichloropropane	34.	50.	PQL	ND	UG/L	100
Methyl-tert-butyl ether (MTBE)	38.	100.	PQL	ND	UG/L	100
n-Propylbenzene	37.	50.	PQL	160.	UG/L	100
1,2,3-Trichlorobenzene	57.	100.	PQL	ND	UG/L	100
1,3,5-Trimethylbenzene	42.	100.	PQL	249.	UG/L	100
Di-isopropyl ether (DIPE)	37.	100.	PQL	ND	UG/L	100
Ethyl tert-butyl ether (ETBE)	30.	100.	PQL	ND	UG/L	100
tert-Amyl methyl ether (TAME)	26.	100.	PQL	ND	UG/L	100
tert-Butyl alcohol (TBA)	240.	1000.	PQL	ND	UG/L	100
1,2,3-Trimethylbenzene	60.	100.	PQL	355.	UG/L	100
Xylenes	35.	50.	PQL	1277.	UG/L	100
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		86-115	SLSA	103%		1
Toluene-d8		88-110	SLSA	108%		1
Dibromofluoromethane		86-118	SLSA	105%		1

Approved by:

*William H. Pote*Date: 11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-19	Lab Samp ID:	4673-8			
Descr/Location:	MW-19	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	0815	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	5.4	10.	PQL	220.	UG/L	20
Bromodichloromethane	6.2	10.	PQL	ND	UG/L	20
Bromoform	8.0	10.	PQL	ND	UG/L	20
Bromomethane	4.0	10.	PQL	ND	UG/L	20
Carbon tetrachloride	8.0	10.	PQL	ND	UG/L	20
Chlorobenzene	6.0	10.	PQL	ND	UG/L	20
Dibromochloromethane	8.6	10.	PQL	ND	UG/L	20
Chloroethane	7.0	10.	PQL	ND	UG/L	20
Chloroform	6.6	10.	PQL	ND	UG/L	20
Chloromethane	8.0	10.	PQL	ND	UG/L	20
1,2-Dibromo-3-chloropropane	7.2	10.	PQL	ND	UG/L	20
1,2-Dibromoethane	8.2	10.	PQL	ND	UG/L	20
Dibromomethane	6.2	10.	PQL	ND	UG/L	20
1,2-Dichlorobenzene	8.6	10.	PQL	ND	UG/L	20
1,3-Dichlorobenzene	9.6	10.	PQL	ND	UG/L	20
1,4-Dichlorobenzene	8.0	10.	PQL	ND	UG/L	20
Dichlorodifluoromethane	7.2	10.	PQL	ND	UG/L	20
1,1-Dichloroethane	5.4	10.	PQL	ND	UG/L	20
1,2-Dichloroethane	7.0	10.	PQL	120.	UG/L	20
1,1-Dichloroethene	7.2	10.	PQL	ND	UG/L	20
trans-1,2-Dichloroethene	4.8	10.	PQL	ND	UG/L	20
1,2-Dichloropropane	7.2	10.	PQL	ND	UG/L	20
Ethylbenzene	4.8	10.	PQL	ND	UG/L	20
Hexachlorobutadiene	11.	20.0	PQL	ND	UG/L	20
Isopropylbenzene	8.6	10.	PQL	10.7	UG/L	20
Methylene chloride	4.4	10.	PQL	ND	UG/L	20
Naphthalene	9.4	20.0	PQL	ND	UG/L	20
Styrene	8.2	10.	PQL	ND	UG/L	20
1,1,1,2-Tetrachloroethane	7.6	10.	PQL	ND	UG/L	20
1,1,2,2-Tetrachloroethane	5.0	10.	PQL	ND	UG/L	20

Approved by:

*Wilson H. Ratz*Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 23

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-19	Lab Samp ID:	4673-8			
Descr/Location:	MW-19	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	0815	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Tetrachloroethene (PCE)	6.4	10.	PQL	ND	UG/L	20
Toluene	8.0	10.	PQL	ND	UG/L	20
1,2,4-Trichlorobenzene	11.	20.0	PQL	ND	UG/L	20
1,1,1-Trichloroethane	5.8	10.	PQL	ND	UG/L	20
1,1,2-Trichloroethane	6.2	10.	PQL	ND	UG/L	20
Trichloroethene (TCE)	8.0	10.	PQL	ND	UG/L	20
1,2,3-Trichloropropane	7.0	10.	PQL	ND	UG/L	20
Vinyl chloride	6.4	10.	PQL	ND	UG/L	20
Bromobenzene	5.4	10.	PQL	ND	UG/L	20
n-Butylbenzene	10.	20.0	PQL	ND	UG/L	20
sec-Butylbenzene	9.8	20.0	PQL	ND	UG/L	20
tert-Butylbenzene	8.2	20.0	PQL	ND	UG/L	20
2-Chlorotoluene	8.0	10.	PQL	ND	UG/L	20
4-Chlorotoluene	8.0	10.	PQL	ND	UG/L	20
cis-1,2-Dichloroethene	6.8	10.	PQL	ND	UG/L	20
1,3-Dichloropropane	6.8	10.	PQL	ND	UG/L	20
Methyl-tert-butyl ether (MTBE)	7.6	20.0	PQL	ND	UG/L	20
n-Propylbenzene	7.4	10.	PQL	ND	UG/L	20
1,2,3-Trichlorobenzene	11.	20.0	PQL	ND	UG/L	20
1,3,5-Trimethylbenzene	8.4	20.0	PQL	ND	UG/L	20
Di-isopropyl ether (DIPE)	7.4	20.0	PQL	ND	UG/L	20
Ethyl tert-butyl ether (ETBE)	6.0	20.0	PQL	ND	UG/L	20
tert-Amyl methyl ether (TAME)	5.2	20.0	PQL	ND	UG/L	20
tert-Butyl alcohol (TBA)	48.	200.	PQL	ND	UG/L	20
1,2,3-Trimethylbenzene	12.	20.0	PQL	ND	UG/L	20
Xylenes	7.0	10.	PQL	ND	UG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene	86-115	SLSA		102%		1
Toluene-d8	88-110	SLSA		100%		1
Dibromofluoromethane	86-118	SLSA		101%		1

Approved by:

*Wesley H. Rott*

Date:

11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 24

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-20	Lab Samp ID:	4673-9			
Descr/Location:	MW-20	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	0856	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	5.4	10.	PQL	105.	UG/L	20
Bromodichloromethane	6.2	10.	PQL	ND	UG/L	20
Bromoform	8.0	10.	PQL	ND	UG/L	20
Bromomethane	4.0	10.	PQL	ND	UG/L	20
Carbon tetrachloride	8.0	10.	PQL	ND	UG/L	20
Chlorobenzene	6.0	10.	PQL	ND	UG/L	20
Dibromochloromethane	8.6	10.	PQL	ND	UG/L	20
Chloroethane	7.0	10.	PQL	ND	UG/L	20
Chloroform	6.6	10.	PQL	ND	UG/L	20
Chloromethane	8.0	10.	PQL	ND	UG/L	20
1,2-Dibromo-3-chloropropane	7.2	10.	PQL	ND	UG/L	20
1,2-Dibromoethane	8.2	10.	PQL	ND	UG/L	20
Dibromomethane	6.2	10.	PQL	ND	UG/L	20
1,2-Dichlorobenzene	8.6	10.	PQL	ND	UG/L	20
1,3-Dichlorobenzene	9.6	10.	PQL	ND	UG/L	20
1,4-Dichlorobenzene	8.0	10.	PQL	ND	UG/L	20
Dichlorodifluoromethane	7.2	10.	PQL	ND	UG/L	20
1,1-Dichloroethane	5.4	10.	PQL	ND	UG/L	20
1,2-Dichloroethane	7.0	10.	PQL	ND	UG/L	20
1,1-Dichloroethene	7.2	10.	PQL	ND	UG/L	20
trans-1,2-Dichloroethene	4.8	10.	PQL	ND	UG/L	20
1,2-Dichloropropane	7.2	10.	PQL	ND	UG/L	20
Ethylbenzene	4.8	10.	PQL	196.	UG/L	20
Hexachlorobutadiene	11.	20.0	PQL	ND	UG/L	20
Isopropylbenzene	8.6	10.	PQL	126	UG/L	20
Methylene chloride	4.4	10.	PQL	ND	UG/L	20
Naphthalene	9.4	20.0	PQL	32.1	UG/L	20
Styrene	8.2	10.	PQL	ND	UG/L	20
1,1,1,2-Tetrachloroethane	7.6	10.	PQL	ND	UG/L	20
1,1,2,2-Tetrachloroethane	5.0	10.	PQL	ND	UG/L	20

Approved by:

*Wesley A. Pote*

Date:

11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-20	Lab Samp ID:	4673-9			
Descr/Location:	MW-20	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	0856	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Tetrachloroethene (PCE)	6.4	10.	PQL	ND	UG/L	20
Toluene	8.0	10.	PQL	106.	UG/L	20
1,2,4-Trichlorobenzene	11.	20.0	PQL	ND	UG/L	20
1,1,1-Trichloroethane	5.8	10.	PQL	ND	UG/L	20
1,1,2-Trichloroethane	6.2	10.	PQL	ND	UG/L	20
Trichloroethene (TCE)	8.0	10.	PQL	ND	UG/L	20
1,2,3-Trichloropropane	7.0	10.	PQL	ND	UG/L	20
Vinyl chloride	6.4	10.	PQL	ND	UG/L	20
Bromobenzene	5.4	10.	PQL	ND	UG/L	20
n-Butylbenzene	10.	20.0	PQL	ND	UG/L	20
sec-Butylbenzene	9.8	20.0	PQL	ND	UG/L	20
tert-Butylbenzene	8.2	20.0	PQL	ND	UG/L	20
2-Chlorotoluene	8.0	10.	PQL	ND	UG/L	20
4-Chlorotoluene	8.0	10.	PQL	ND	UG/L	20
cis-1,2-Dichloroethene	6.8	10.	PQL	ND	UG/L	20
1,3-Dichloropropane	6.8	10.	PQL	ND	UG/L	20
Methyl-tert-butyl ether (MTBE)	7.6	20.0	PQL	ND	UG/L	20
n-Propylbenzene	7.4	10.	PQL	13.2	UG/L	20
1,2,3-Trichlorobenzene	11.	20.0	PQL	ND	UG/L	20
1,3,5-Trimethylbenzene	8.4	20.0	PQL	236.	UG/L	20
Di-isopropyl ether (DIPE)	7.4	20.0	PQL	ND	UG/L	20
Ethyl tert-butyl ether (ETBE)	6.0	20.0	PQL	ND	UG/L	20
tert-Amyl methyl ether (TAME)	5.2	20.0	PQL	ND	UG/L	20
tert-Butyl alcohol (TBA)	48.	200.	PQL	ND	UG/L	20
1,2,3-Trimethylbenzene	12.	20.0	PQL	391.	UG/L	20
Xylenes	7.0	10.	PQL	887.	UG/L	20
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene		86-115	SLSA	98%		1
Toluene-d8		88-110	SLSA	100%		1
Dibromofluoromethane		86-118	SLSA	101%		1

Approved by:

*Wallace H. Rott*Date: 11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-21	Lab Samp ID:	4673-10			
Descr/Location:	MW-21	Rec'd Date:	10/19/2005			
Sample Date:	10/18/2005	Prep Date:	10/29/2005			
Sample Time:	1254	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	10.5	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	9.53	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	1.66	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	ND	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:

*Wesley & Pott*

Date: 11/20/05

Project Name:	200 MORRIS STREET	Analysis: Volatile Organic Compounds by GC/MS				
Project No:	780.070	Method: SW8260B				
		Prep Meth: SW5030B				
Field ID:	MW-21	Lab Samp ID: 4673-10				
Descr/Location:	MW-21	Rec'd Date: 10/19/2005				
Sample Date:	10/18/2005	Prep Date: 10/29/2005				
Sample Time:	1254	Analysis Date: 10/29/2005				
Matrix:	Groundwater	QC Batch: 20051029				
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	10.6	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	5.08	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		86-115	SLSA	103%		1
Toluene-d8		88-110	SLSA	106%		1
Dibromofluoromethane		86-118	SLSA	104%		1

Approved by:

Date: 11/20/05

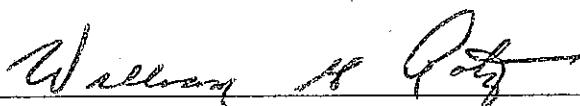
## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 28

Project Name:	200 MORRIS STREET	Analysis: Volatile Organic Compounds by GC/MS				
Project No:	780.070	Method: SW8260B				
		Prep Meth: SW5030B				
Field ID:	MW-23	Lab Samp ID:	4673-11			
Descr/Location:	MW-23	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	1016	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	ND	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	ND	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:



Date: 11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-23	Lab Samp ID:	4673-11			
Descr/Location:	MW-23	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/30/2005			
Sample Time:	1016	Analysis Date:	10/30/2005			
Matrix:	Groundwater	QC Batch:	20051030A			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		86-115	SLSA	100%		1
Toluene-d8		88-110	SLSA	99%		1
Dibromofluoromethane		86-118	SLSA	100%		1

Approved by:

*Wesley H. Pote*

Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 30

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-8	Lab Samp ID:	4673-1			
Descr/Location:	MW-8	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	1149	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	ND	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	ND	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:

*Wesley H. Potts*

Date: 11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-8	Lab Samp ID:	4673-1			
Descr/Location:	MW-8	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	1149	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	ND	UG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene		86-115	SLSA	100%		1
Toluene-d8		88-110	SLSA	99%		1
Dibromofluoromethane		86-118	SLSA	99%		1

Approved by:

*Wallace H. Potts*Date: 11/20/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-9	Lab Samp ID:	4673-2			
Descr/Location:	MW-9	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	1209	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	89.9	UG/L	1
Bromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	4.34	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	1.21	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	3.00	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1

Approved by:

*Wesley H. Pott*Date: 11/20/05

## Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 33

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS			
Project No:	780.070	Method:	SW8260B			
		Prep Meth:	SW5030B			
Field ID:	MW-9	Lab Samp ID:	4673-2			
Descr/Location:	MW-9	Rec'd Date:	10/19/2005			
Sample Date:	10/19/2005	Prep Date:	10/29/2005			
Sample Time:	1209	Analysis Date:	10/29/2005			
Matrix:	Groundwater	QC Batch:	20051029			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	1.00	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DiPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	1.82	UG/L	1
Xylenes	0.35	0.50	PQL	5.58	UG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene	86-115	SLSA		102%		1
Toluene-d8	88-110	SLSA		106%		1
Dibromofluoromethane	86-118	SLSA		103%		1

Approved by:

*William H. Pote*Date: 11/20/05

QA/QC Report  
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 34

QC Batch:	20051029	Analysis:	Total Petroleum Hydrocarbons (TPH) by				
Matrix:	Groundwater	Method:	8260TPH				
Lab Samp ID:	4673MB	Prep Meth:	SW5030B				
Analysis Date:	10/29/2005	Prep Date:	10/29/2005				
Basis:	Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil	
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL	ND	MG/L	1	
SURROGATE AND INTERNAL STANDARD RECOVERIES:				106%			1
4-Bromofluorobenzene	80-120	SLSA					

**QA/QC Report**  
**Method Blank Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 35

QC Batch:	20051029	Analysis: Volatile Organic Compounds by GC/MS				
Matrix:	Groundwater	Method: SW8260B				
Lab Samp ID:	4673MB	Prep Meth: SW5030B				
Analysis Date:	10/29/2005	Prep Date: 10/29/2005				
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL	ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL	ND	UG/L	1
Bromoform	0.40	0.50	PQL	ND	UG/L	1
Bromomethane	0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL	ND	UG/L	1
Chloroethane	0.35	0.50	PQL	ND	UG/L	1
Chloroform	0.33	0.50	PQL	ND	UG/L	1
Chloromethane	0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL	ND	UG/L	1
Dibromomethane	0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL	ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL	ND	UG/L	1
Methylene chloride	0.22	0.50	PQL	ND	UG/L	1
Naphthalene	0.47	1.00	PQL	ND	UG/L	1
Styrene	0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL	ND	UG/L	1
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL	ND	UG/L	1

**QA/QC Report**  
**Method Blank Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 36

QC Batch:	20051029	Analysis: Volatile Organic Compounds by GC/MS					
Matrix:	Groundwater	Method: SW8260B					
Lab Samp ID:	4673MB	Prep Meth: SW5030B					
Analysis Date:	10/29/2005	Prep Date: 10/29/2005					
Basis:	Not Filtered	Notes:					
Analyte		Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Tetrachloroethene (PCE)		0.32	0.50	PQL	ND	UG/L	1
Toluene		0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene		0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane		0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane		0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)		0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane		0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride		0.32	0.50	PQL	ND	UG/L	1
Bromobenzene		0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene		0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene		0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene		0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene		0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene		0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene		0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane		0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)		0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene		0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene		0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene		0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)		0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)		0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)		0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)		2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene		0.60	1.00	PQL	ND	UG/L	1
Xylenes		0.35	0.50	PQL	ND	UG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>							
4-Bromofluorobenzene		86-115	SLSA		106%		1
Toluene-d8		88-110	SLSA		109%		1
Dibromofluoromethane		86-118	SLSA		106%		1

**QA/QC Report**  
**Matrix Spike/Duplicate Matrix Spike Summary**  
Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 37

QC Batch:	20051029
Matrix:	Groundwater
Lab Samp ID:	4673MS
Basis:	Not Filtered

Analyte	Analysis Method	Spike Level		Sample Result MS	Spike Result DMS	Units	Acceptance Criteria		
		MS	DMS				MS	DMS	RPD
Gasoline Range Organics (C5-C12)	8260TPH	0.50	0.50	0.083	0.62	0.60	108	104	3.8
4-BromoFluorobenzene	8260TPH	100.	100.	100.	101.	102.	PERCENT	101	102

**QA/QC Report**  
**Matrix Spike/Duplicate Matrix Spike Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 38

QC Batch: 20051029  
 Matrix: Groundwater  
 Lab Samp ID: 4673MS  
 Basis: Not Filtered

Project Name: 200 MORRIS STREET  
 Project No.: 780-070  
 Field ID: MW-11  
 Lab Ref ID: 4673-4

Analyte	Analysis Method	Spike Level DMS		Sample Result	Spike Result DMS	Units	% Recoveries		Acceptance Criteria	
		MS	DMS				MS	DMS	RPD	% Rec
1,1-Dichloroethene	SW8260B	10.0	10.0	ND	10.7	10.7	107	107	145-61	MSA 20MSP
Benzene	SW8260B	10.0	10.0	ND	10.2	10.1	102	101	127-76	MSA 20MSP
Chlorobenzene	SW8260B	10.0	10.0	ND	10.0	10.3	100	103	3.0	130-75 MSA 20MSP
Methyl-tert-butyl ether (MTBE)	SW8260B	10.0	10.0	ND	7.94	7.60	79.4	76.0	4.4	130-70 MSA 20MSP
Toluene	SW8260B	10.0	10.0	ND	10.2	10.3	102	103	0.98	125-76 MSA 20MSP
Trichloroethene (TCE)	SW8260B	10.0	10.0	ND	10.2	10.6	102	106	3.8	120-71 MSA 20MSP
4-Bromofluorobenzene	SW8260B	100.	100.	104.	98.	PERCENT	98.0	98.0	0.00	115-86 SLSA 20SLSP
Dibromofluoromethane	SW8260B	100.	100.	105.	99.	PERCENT	99.0	99.0	0.00	118-86 SLSA 20SLSP
Toluene-d8	SW8260B	100.	100.	107.	99.	PERCENT	99.0	99.0	0.00	110-88 SLSA 20SLSP

**QA/QC Report  
Method Blank Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 39

QC Batch:	20051030A	Analysis:	Total Petroleum Hydrocarbons (TPH) by				
Matrix:	Groundwater	Method:	8260TPH				
Lab Samp ID:	4673MB	Prep Meth:	SW5030B				
Analysis Date:	10/30/2005	Prep Date:	10/30/2005				
Basis:	Not Filtered	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc	Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL	ND	MG/L	1	
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene	80-120	SLSA		104%			1

**QA/QC Report**  
**Method Blank Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 40

QC Batch:	20051030A	Analysis: Volatile Organic Compounds by GC/MS					
Matrix:	Groundwater	Method: SW8260B					
Lab Samp ID:	4673MB	Prep Meth: SW5030B					
Analysis Date:	10/30/2005	Prep Date: 10/30/2005					
Basis:	Not Filtered	Notes:					
Analyte		Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Benzene		0.27	0.50	PQL	ND	UG/L	1
Bromodichloromethane		0.31	0.50	PQL	ND	UG/L	1
Bromoform		0.40	0.50	PQL	ND	UG/L	1
Bromomethane		0.20	0.50	PQL	ND	UG/L	1
Carbon tetrachloride		0.40	0.50	PQL	ND	UG/L	1
Chlorobenzene		0.30	0.50	PQL	ND	UG/L	1
Dibromochloromethane		0.43	0.50	PQL	ND	UG/L	1
Chloroethane		0.35	0.50	PQL	ND	UG/L	1
Chloroform		0.33	0.50	PQL	ND	UG/L	1
Chloromethane		0.40	0.50	PQL	ND	UG/L	1
1,2-Dibromo-3-chloropropane		0.36	0.50	PQL	ND	UG/L	1
1,2-Dibromoethane		0.41	0.50	PQL	ND	UG/L	1
Dibromomethane		0.31	0.50	PQL	ND	UG/L	1
1,2-Dichlorobenzene		0.43	0.50	PQL	ND	UG/L	1
1,3-Dichlorobenzene		0.48	0.50	PQL	ND	UG/L	1
1,4-Dichlorobenzene		0.40	0.50	PQL	ND	UG/L	1
Dichlorodifluoromethane		0.36	0.50	PQL	ND	UG/L	1
1,1-Dichloroethane		0.27	0.50	PQL	ND	UG/L	1
1,2-Dichloroethane		0.35	0.50	PQL	ND	UG/L	1
1,1-Dichloroethene		0.36	0.50	PQL	ND	UG/L	1
trans-1,2-Dichloroethene		0.24	0.50	PQL	ND	UG/L	1
1,2-Dichloropropane		0.36	0.50	PQL	ND	UG/L	1
Ethylbenzene		0.24	0.50	PQL	ND	UG/L	1
Hexachlorobutadiene		0.57	1.00	PQL	ND	UG/L	1
Isopropylbenzene		0.43	0.50	PQL	ND	UG/L	1
Methylene chloride		0.22	0.50	PQL	ND	UG/L	1
Naphthalene		0.47	1.00	PQL	ND	UG/L	1
Styrene		0.41	0.50	PQL	ND	UG/L	1
1,1,1,2-Tetrachloroethane		0.38	0.50	PQL	ND	UG/L	1
1,1,2,2-Tetrachloroethane		0.25	0.50	PQL	ND	UG/L	1

**QA/QC Report**  
**Method Blank Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 41

QC Batch:	20051030A	Analysis:	Volatile Organic Compounds by GC/MS			
Matrix:	Groundwater	Method:	SW8260B			
Lab Samp ID:	4673MB	Prep Meth:	SW5030B			
Analysis Date:	10/30/2005	Prep Date:	10/30/2005			
Basis:	Not Filtered	Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
Tetrachloroethene (PCE)	0.32	0.50	PQL	ND	UG/L	1
Toluene	0.40	0.50	PQL	ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL	ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL	ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL	ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL	ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL	ND	UG/L	1
Bromobenzene	0.27	0.50	PQL	ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL	ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL	ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL	ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL	ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL	ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL	ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL	ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL	ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL	ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL	ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL	ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL	ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL	ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL	ND	UG/L	1
Xylenes	0.35	0.50	PQL	ND	UG/L	1
<b>SURROGATE AND INTERNAL STANDARD RECOVERIES:</b>						
4-Bromofluorobenzene	86-115	SLSA		104%		1
Toluene-d8	88-110	SLSA		101%		1
Dibromofluoromethane	86-118	SLSA		104%		1

**QA/QC Report**  
**Matrix Spike/Duplicate Matrix Spike Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 42

QC Batch: 20051030A  
 Matrix: Groundwater  
 Lab Samp ID: 4673MS  
 Basis: Not Filtered

Analyte	Analysis Method	Spike Level DMS		Sample Result	Spike Result DMS	Units	% Recoveries			Acceptance Criteria	
		MS	DMS				MS	DMS	RPD	% Rec	RPD
1,1-Dichloroethene	SW8260B	10.0	10.0	ND	11.2	10.9	UG/L	112	109	2.7	145-61 MSA 20MSP
Benzene	SW8260B	10.0	10.0	ND	10.1	9.90	UG/L	101	99.0	2.0	127-76 MSA 20MSP
Chlorobenzene	SW8260B	10.0	10.0	ND	9.69	9.68	UG/L	96.9	96.8	0.10	130-75 MSA 20MSP
Methyl-tert-butyl ether (MTBE)	SW8260B	10.0	10.0	ND	9.11	9.02	UG/L	91.1	90.2	0.99	130-70 MSA 20MSP
Toluene	SW8260B	10.0	10.0	ND	10.2	9.89	UG/L	102	98.9	3.1	125-76 MSA 20MSP
Trichloroethene (TCE)	SW8260B	10.0	10.0	ND	10.2	9.70	UG/L	102	97.0	5.0	120-71 MSA 20MSP
4-Bromofluorobenzene	SW8260B	100.	100.	100.	98.	100.	PERCENT	98.0	100	2.0	115-86 SLSA 20SLSP
Dibromofluoromethane	SW8260B	100.	100.	100.	101.	100.	PERCENT	101	100	1.0	118-86 SLSA 20SLSP
Toluene-d8	SW8260B	100.	100.	100.	100.	99.	PERCENT	100	99.0	1.0	110-88 SLSA 20SLSP

**QA/QC Report**  
**Matrix Spike/Duplicate Matrix Spike Summary**

Bace Analytical, Windsor, CA

Lab Report No.: 4673 Date: 11/20/2005

Page: 43

QC Batch: 20051030A  
Matrix: Groundwater  
Lab Samp ID: 4673MS  
Basis: Not Filtered

Project Name: Lab Generated or Non COE Sample  
Project No.: Lab Generated or Non COE Sample  
Field ID: Lab Generated or Non COE Sample  
Lab Ref ID: 4673-5

Analyte	Analysis Method	Spike Level		Sample Result	Spike Result DMS	Units	% Recoveries MS DMS RPD	Acceptance Criteria	
		MS	DMS					RPD	% Rec
Gasoline Range Organics (C5-C12)	8260TPH	0.50	0.50	ND	0.49	0.42	MG/L	98.0 84.0 15	130-70 MSA 25MSP
4-Bromofluorobenzene	8260TPH	100.	100.	101.	99.	99.	PERCENT	99.0 99.0 0.00	120-80 SLSA 20SLSP

## Chain-of Custody Form

Project #	Project Name: <b>Broadway 200 Morris St. Santa Barbara, CA.</b>			C.O.C. No. <b>10721</b>		
L.P. No.	Sampler's Signature <i>Chris Scott</i>			Remarks: <b>STANDARD TAT</b>		
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type	No. of Containers	Analysis	
10.19.05	MW-8	/	WATER	4	<i>4673-1</i>	
10.19.05	MW-9	/		1209	-2	
10.19.05	MW-10	/		1051	-3	
10.19.05	MW-11	/		0934	-4	
10.19.05	MW-16	/		1216	-5	
10.19.05	MW-17	/		1139	-6	
10.19.05	MW-18	/		1343	-7	
10.19.05	MW-19	/		0815	-8	
10.19.05	MW-20	/		0836	-9	
10.19.05	MW-21	/		1254	-10	
10.19.05	MW-23	/		1016	-11	
<i>ALL 11 TATS</i>						
Preservation: A -HCl; B - H <sub>2</sub> SO <sub>4</sub> ; C - NaOH; D - HNO <sub>3</sub> ; E - Ice; F - (specify)						
Laboratory: <b>LENNEX ANALYTICAL</b>						
Relinquished by: <i>Chris Scott</i> (signed)	Received by: <i>John Scott</i> (signed)	Date/Time <b>10/19/05 1500</b>	Received by: <i>John Scott</i> (signed)	Date/Time <b>10/19/05 1515</b>	Remarks: <b>STANDARD TAT</b>	
Relinquished by: <i>Chris Scott</i> (signed)	Received by: <i>John Scott</i> (signed)	Date/Time <b>10/19/05 1500</b>	Received by: <i>John Scott</i> (signed)	Date/Time <b>10/19/05 1515</b>	Brunsing Associates, Inc.	
Relinquished by: <i>Chris Scott</i> (signed)	Received by: <i>John Scott</i> (signed)	Date/Time <b>10/19/05 1500</b>	Received by: <i>John Scott</i> (signed)	Date/Time <b>10/19/05 1515</b>	P.O. Box 588 5803 Skyline Blvd. Windsor, CA 95492 (707) 838-3027 (707) 838-4420 fax	